

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078052.D
 Acq On : 27 Mar 2015 22:38
 Operator : TP/IZ
 Sample : PB82381BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BL

Quant Time: Mar 28 04:56:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

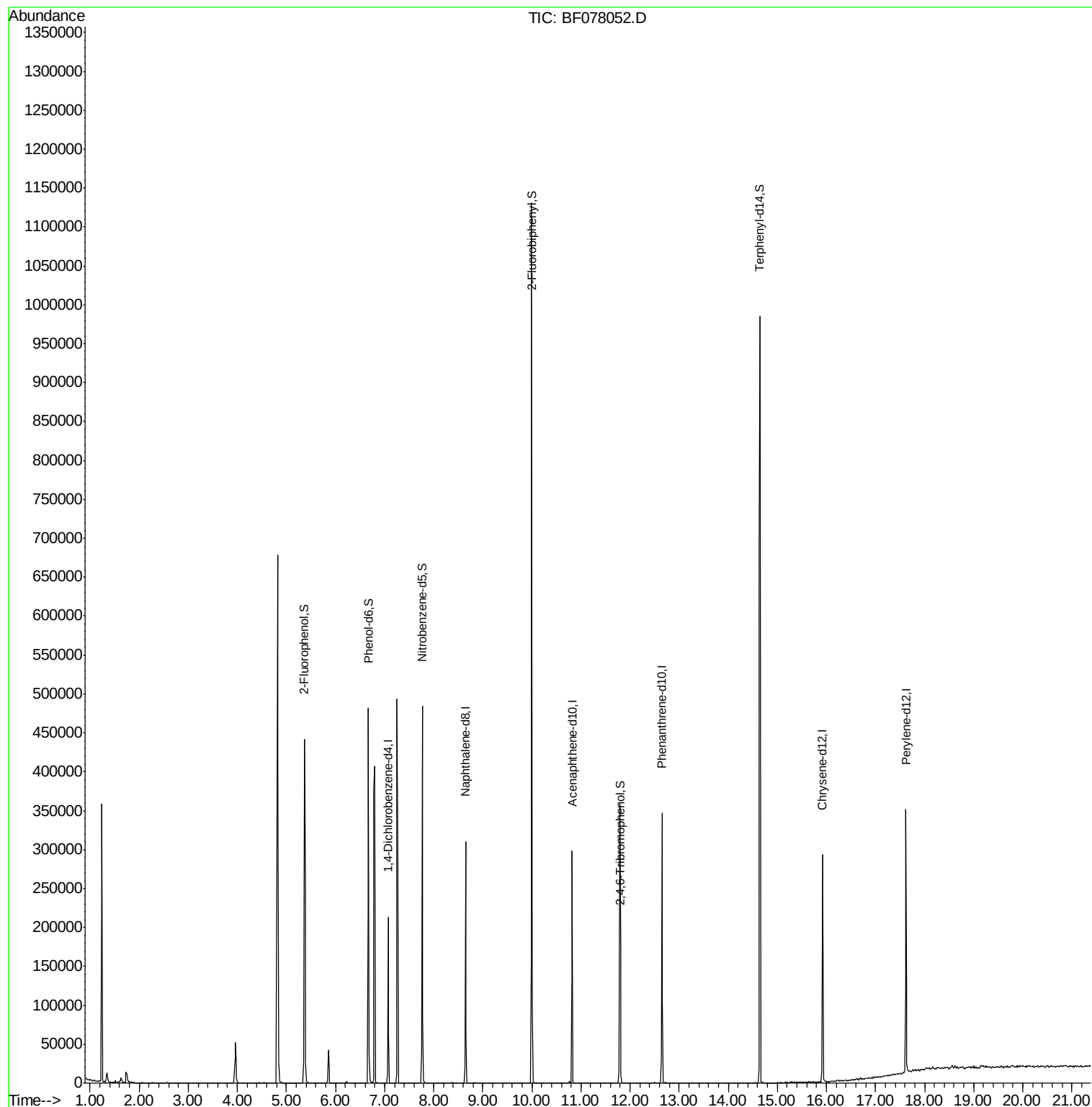
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	34565	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	141999	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	69505	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	141896	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	155303	20.00	ng	-0.01
86) Perylene-d12	17.62	264	149639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	159092	80.34	ng	0.00
7) Phenol-d6	6.67	99	203028	82.98	ng	0.00
23) Nitrobenzene-d5	7.77	82	150045	69.27	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	46232	69.52	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	343788	72.69	ng	0.00
78) Terphenyl-d14	14.65	244	435294	68.46	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	228	Below Cal	Qvalue #	68

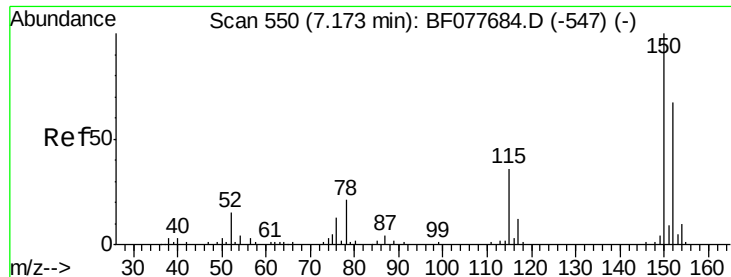
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 28 05:39:24 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

Instrument :

BNA_F

ClientSampleId :

PB82381BL

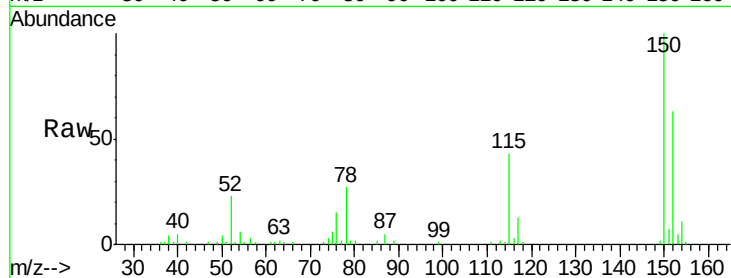
Tgt Ion:152 Resp: 34565

Ion Ratio Lower Upper

152 100

150 158.7 119.5 179.3

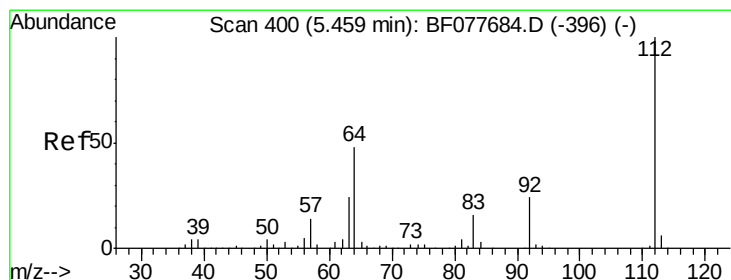
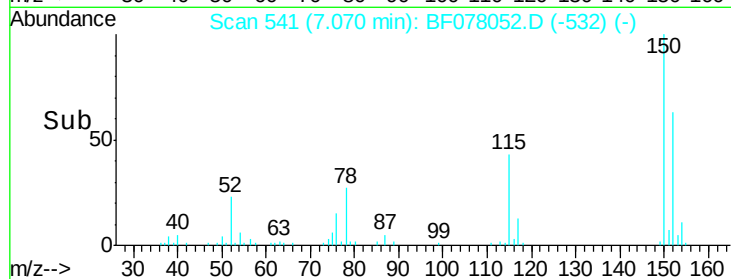
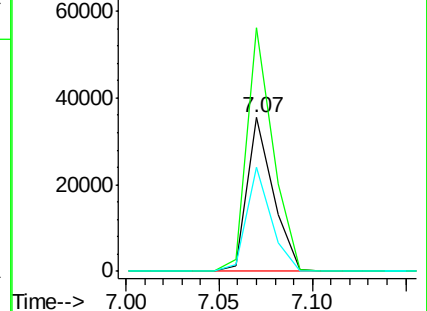
115 68.0 43.0 64.4#



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: 80.34 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

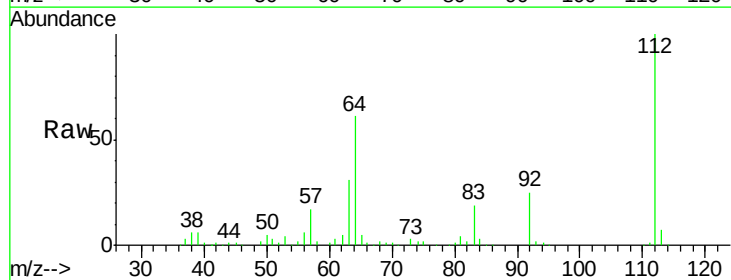
Tgt Ion:112 Resp: 159092

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

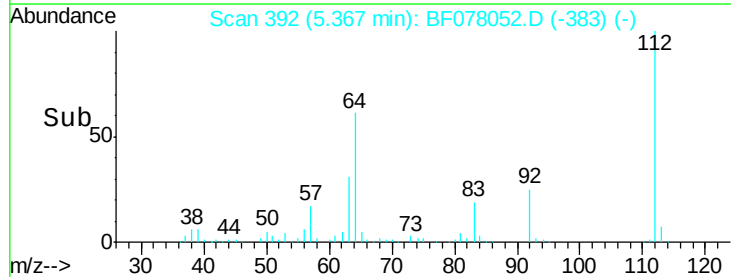
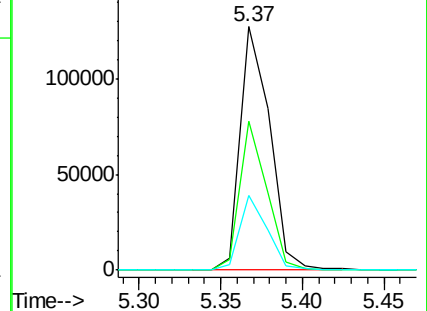
63 30.6 19.3 28.9#

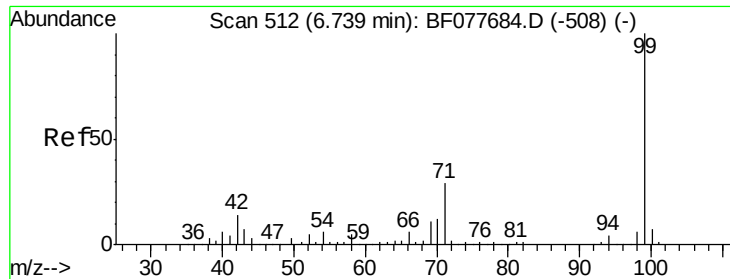


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.98 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

Instrument :

BNA_F

ClientSampleId :

PB82381BL

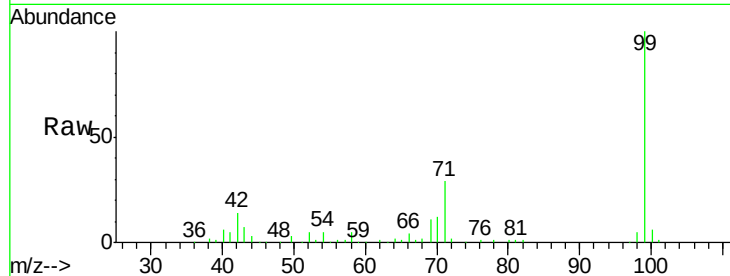
Tgt Ion: 99 Resp: 203028

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

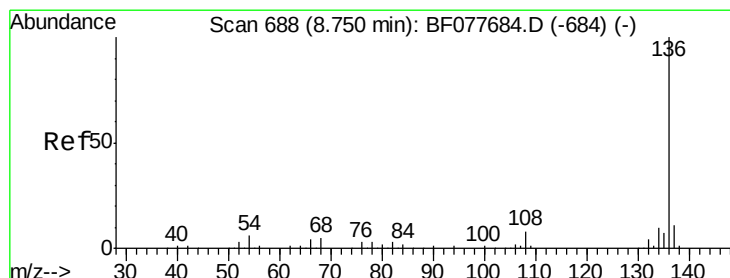
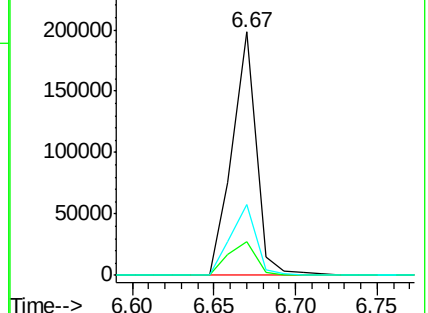
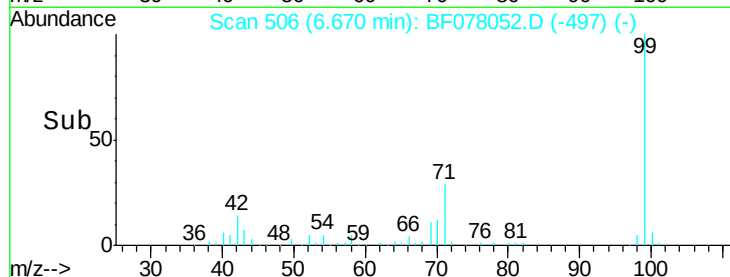
71 28.9 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

Tgt Ion: 136 Resp: 141999

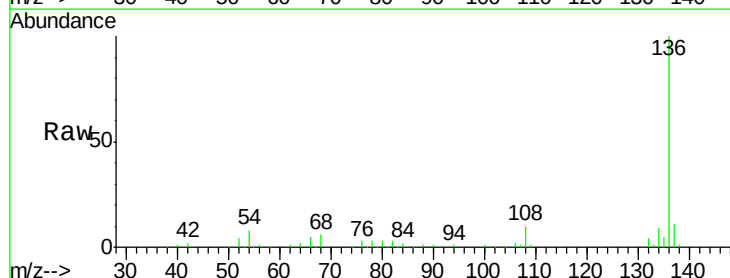
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.7 4.6 6.8#

68 6.2 3.7 5.5#

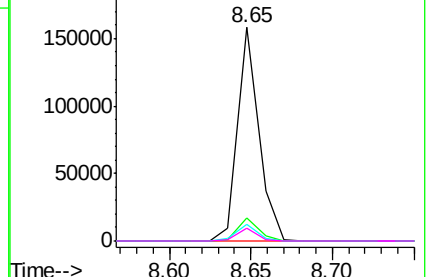
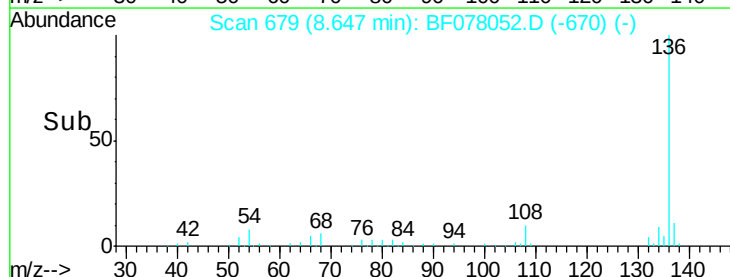


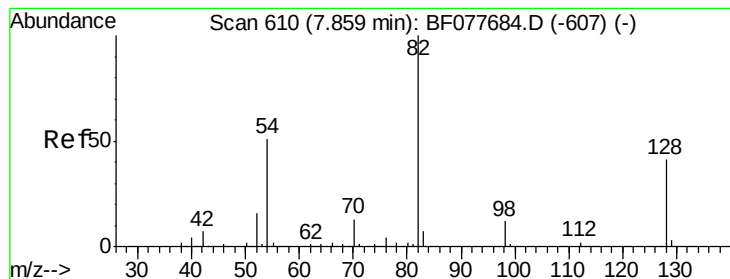
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.27 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

Instrument :

BNA_F

ClientSampled :

PB82381BL

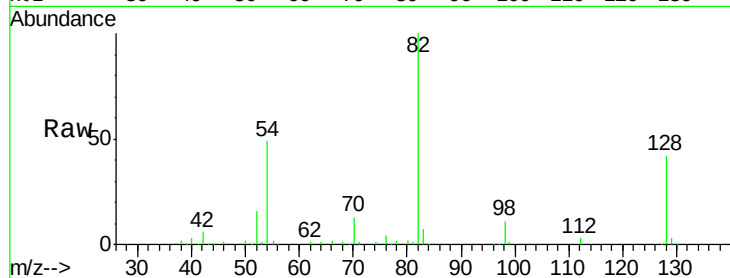
Tgt Ion: 82 Resp: 150045

Ion Ratio Lower Upper

82 100

128 42.0 32.8 49.2

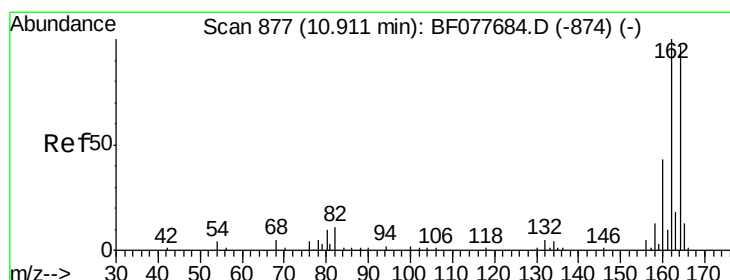
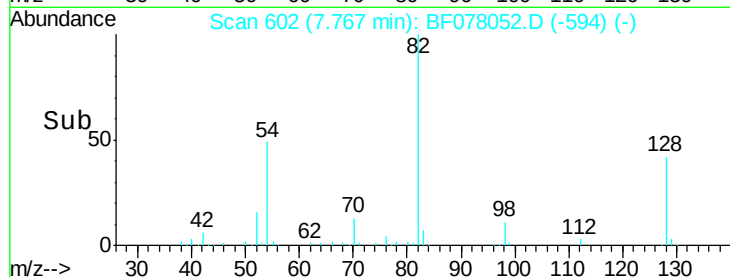
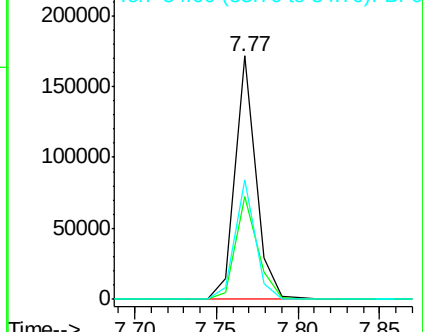
54 49.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078052.D

Acq: 27 Mar 2015 22:38

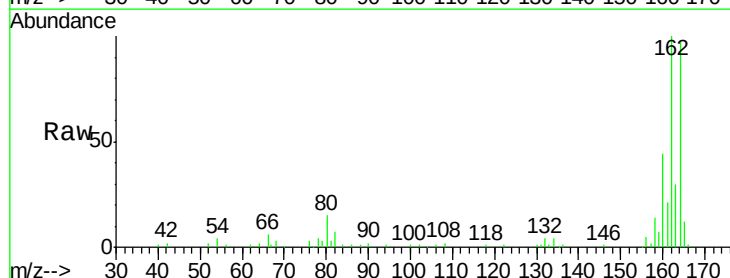
Tgt Ion: 164 Resp: 69505

Ion Ratio Lower Upper

164 100

162 103.5 82.4 123.6

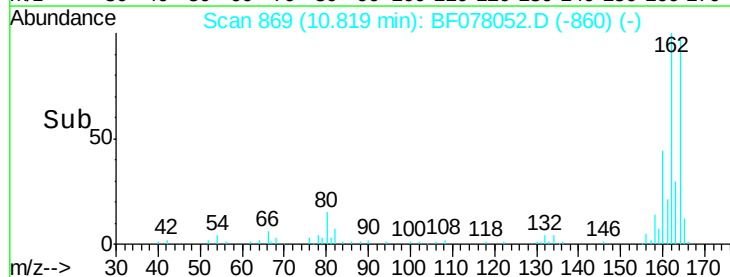
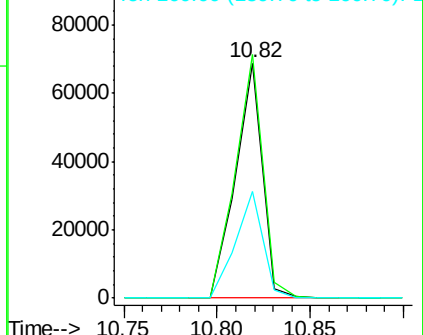
160 45.6 35.8 53.6

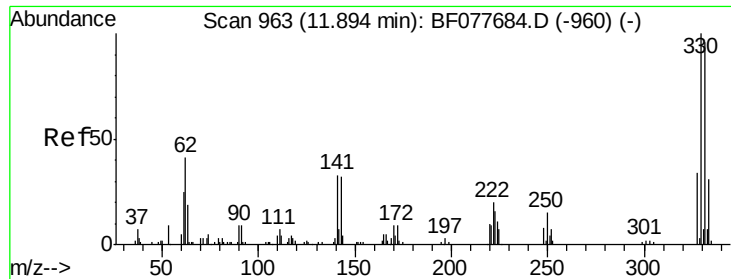


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

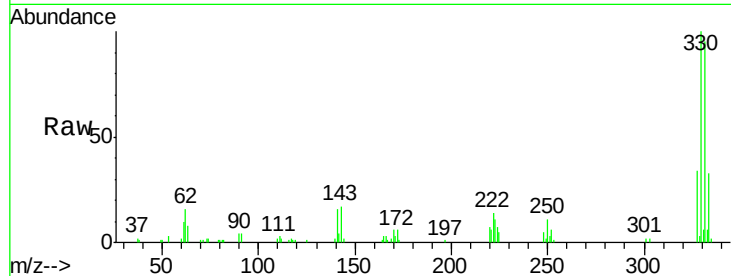




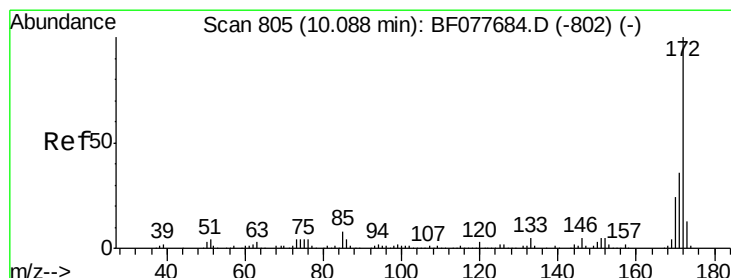
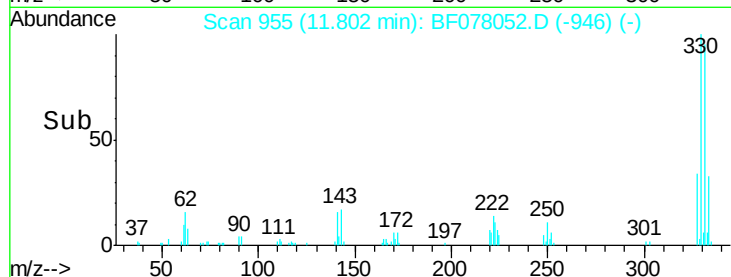
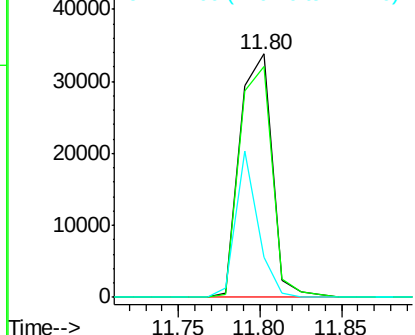
#41
 2,4,6-Tribromophenol
 Concen: 69.52 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078052.D
 Acq: 27 Mar 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BL

Tgt Ion:330 Resp: 46232
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 41.0 0.0 0.0#

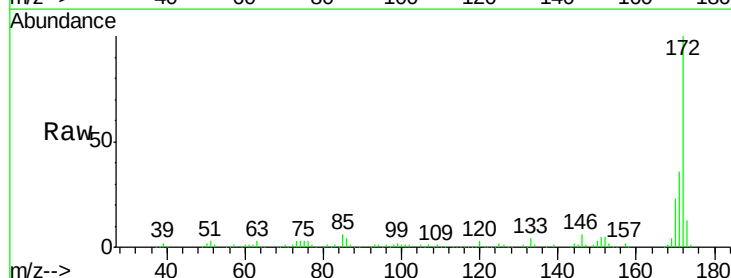


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

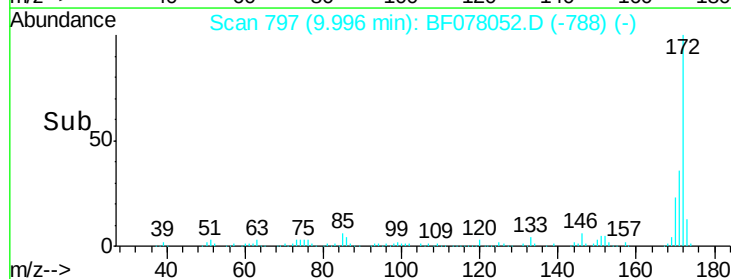
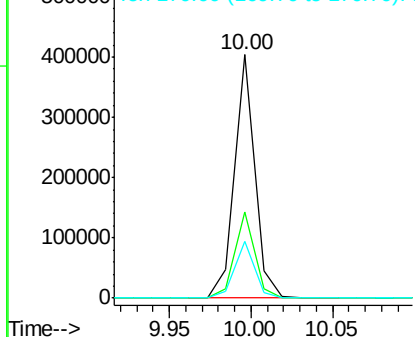


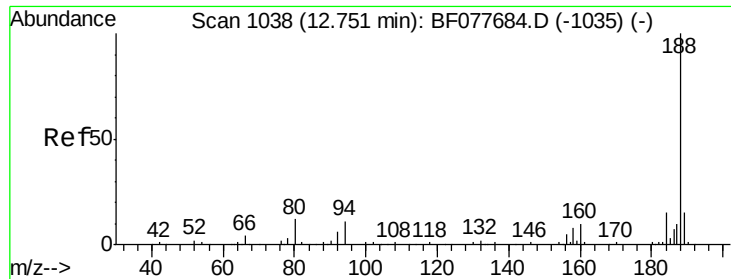
#44
 2-Fluorobiphenyl
 Concen: 72.69 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078052.D
 Acq: 27 Mar 2015 22:38

Tgt Ion:172 Resp: 343788
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.5 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

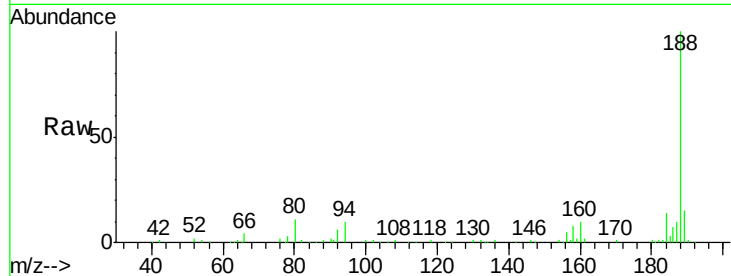




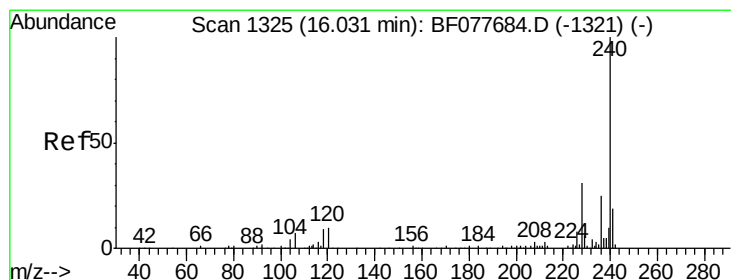
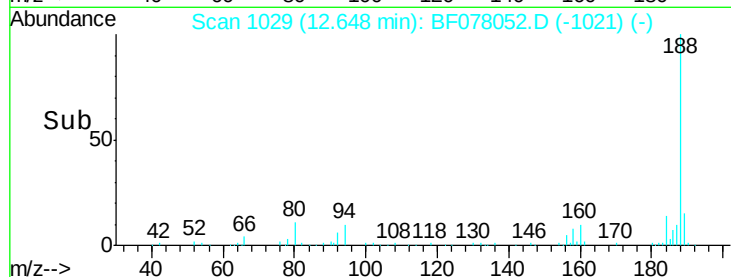
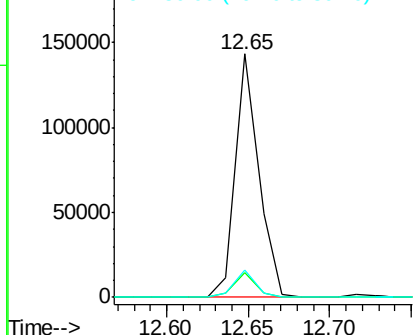
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078052.D
Acq: 27 Mar 2015 22:38

Instrument :
BNA_F
ClientSampleId :
PB82381BL

Tgt Ion:188 Resp: 141896
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.2 9.3 13.9

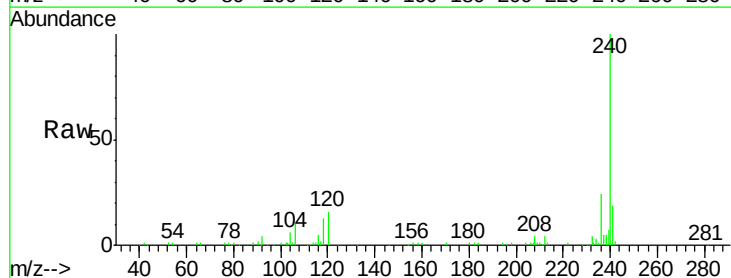


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

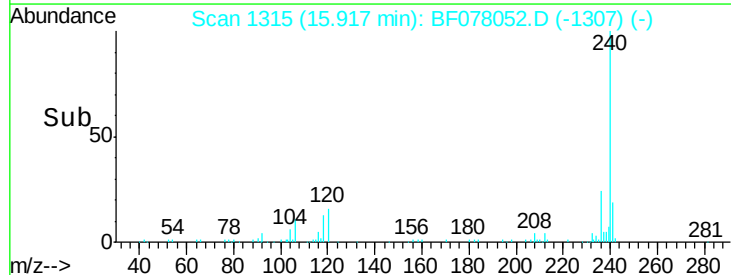
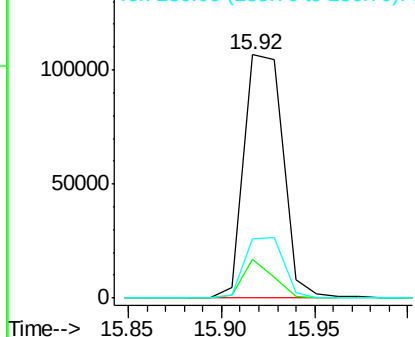


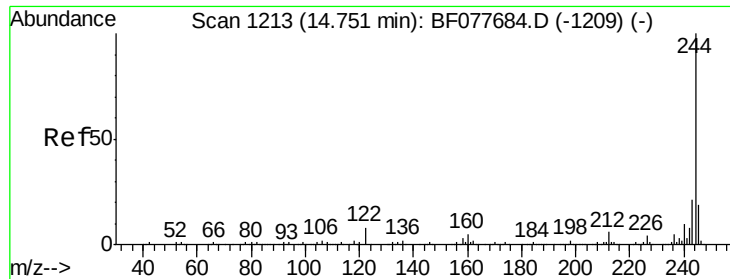
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF078052.D
Acq: 27 Mar 2015 22:38

Tgt Ion:240 Resp: 155303
Ion Ratio Lower Upper
240 100
120 15.9 8.2 12.2#
236 24.2 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

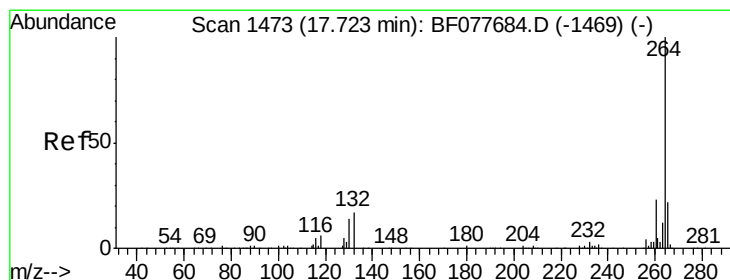
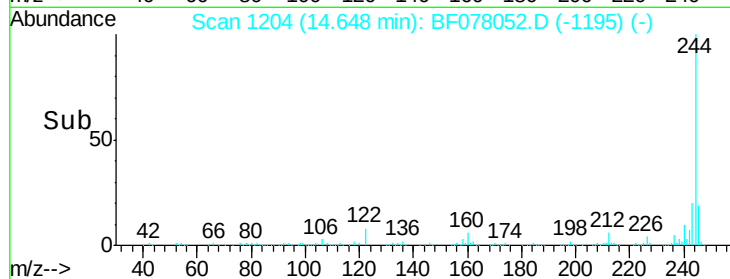
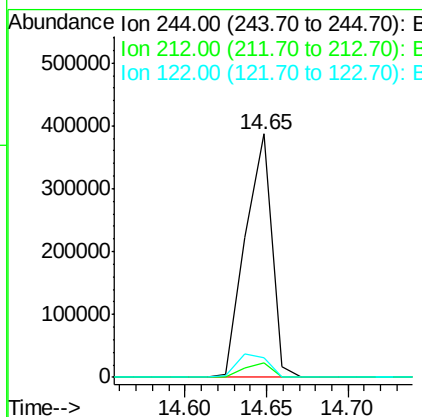
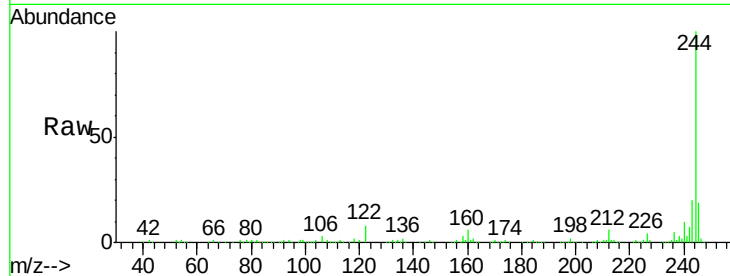




#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078052.D
 Acq: 27 Mar 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	4.9	7.3
122	8.2	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF078052.D
 Acq: 27 Mar 2015 22:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.8	17.3	25.9

