

Data Path : S:\HPCHEM1\BNA_F\DATA\BF021815\
 Data File : BF077368.D
 Acq On : 18 Feb 2015 22:53
 Operator : TP/IZ
 Sample : PB81756TB
 Misc : W
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81756TB

Quant Time: Feb 19 10:23:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 09:51:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	53973	20.00	ng	-0.02
21) Naphthalene-d8	8.93	136	209898	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	106898	20.00	ng	-0.03
63) Phenanthrene-d10	12.96	188	216881	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	203474	20.00	ng	-0.02
86) Perylene-d12	17.97	264	208834	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	386851	122.49	ng	-0.01
7) Phenol-d6	6.90	99	453893	110.01	ng	-0.02
23) Nitrobenzene-d5	8.04	82	272681	89.96	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	137931	138.44	ng	-0.02
44) 2-Fluorobiphenyl	10.28	172	644928	90.95	ng	-0.02
78) Terphenyl-d14	14.96	244	757613	84.65	ng	-0.02

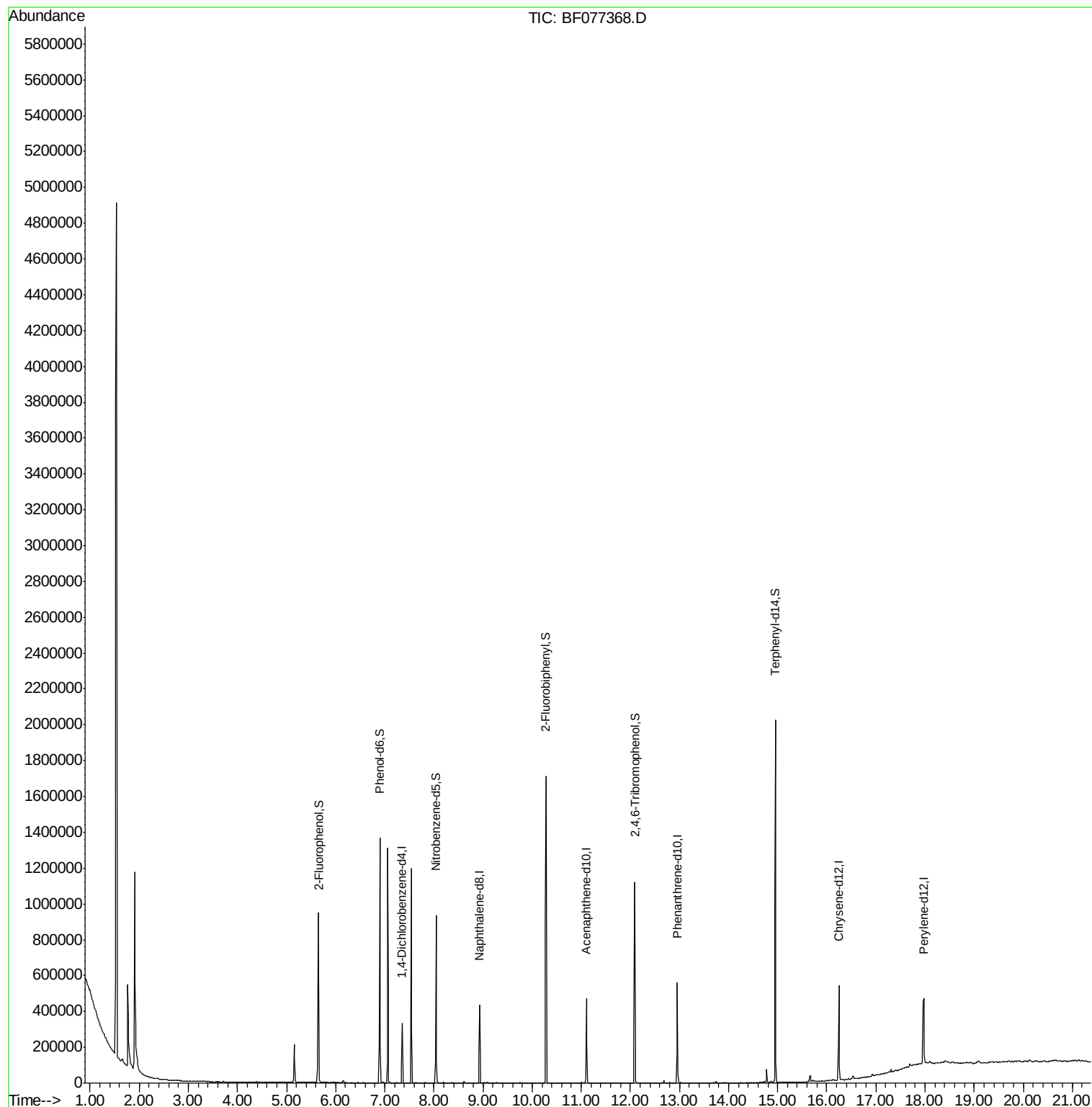
Target Compounds	Qvalue
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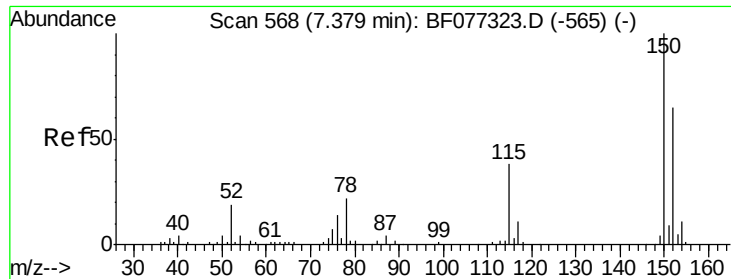
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 18 09:51:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB81756TB

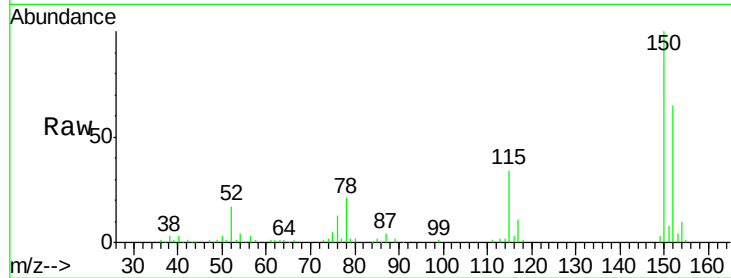
Tgt Ion:152 Resp: 53973

Ion Ratio Lower Upper

152 100

150 154.6 123.1 184.7

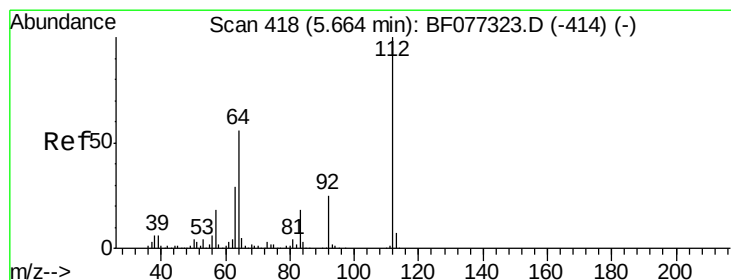
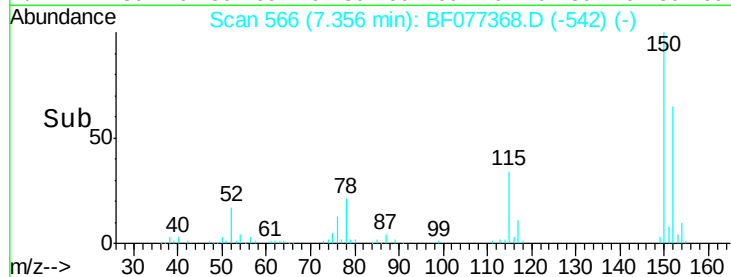
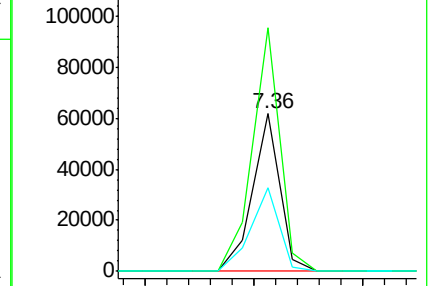
115 53.3 46.2 69.4



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: 122.49 ng

RT: 5.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

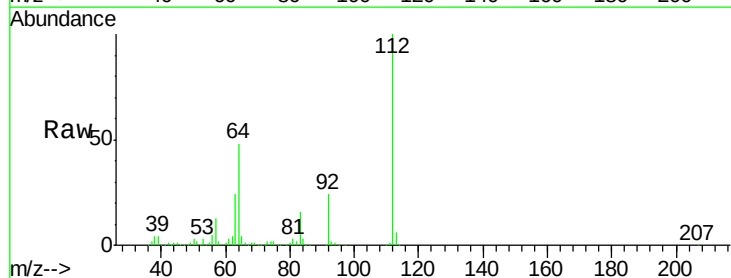
Tgt Ion:112 Resp: 386851

Ion Ratio Lower Upper

112 100

64 47.8 44.7 67.1

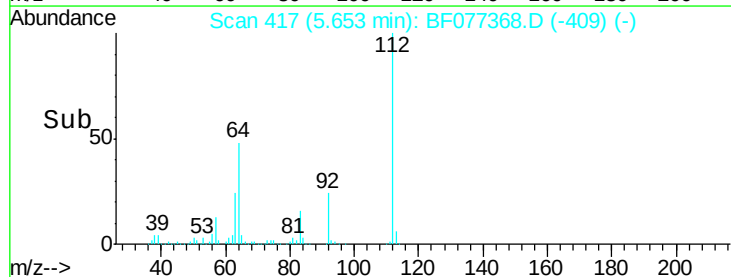
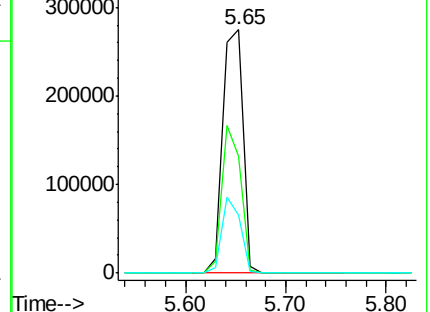
63 24.0 23.3 34.9

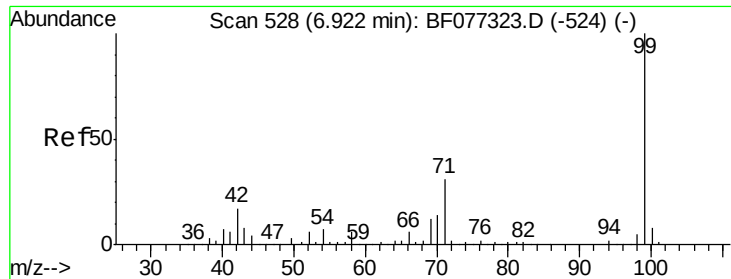


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.01 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB81756TB

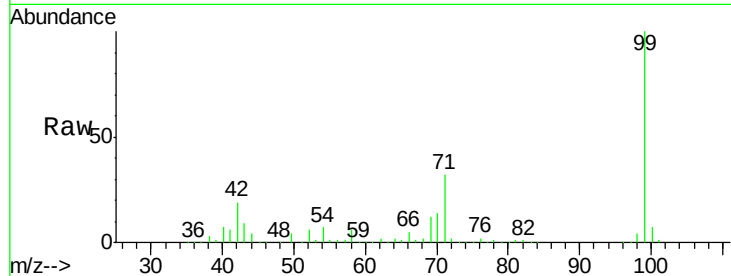
Tgt Ion: 99 Resp: 453893

Ion Ratio Lower Upper

99 100

42 18.7 13.8 20.6

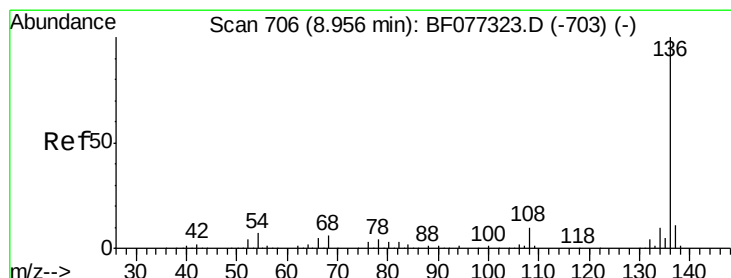
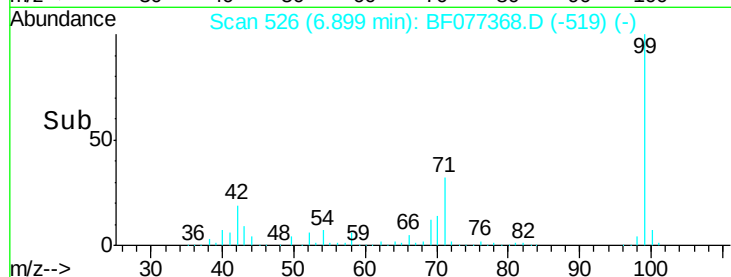
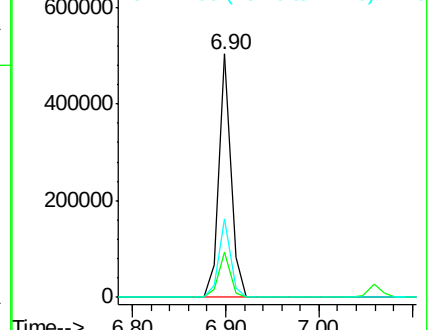
71 32.5 24.6 37.0



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: 8.93 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

Tgt Ion: 136 Resp: 209898

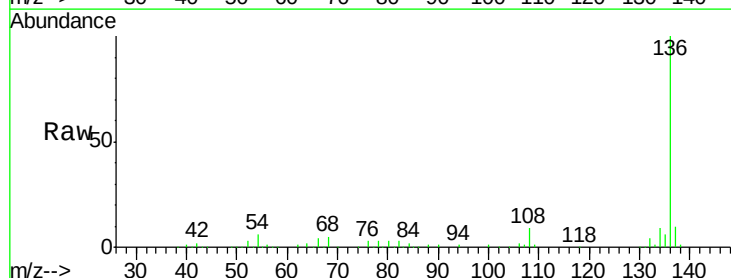
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.3 5.8 8.6

68 5.3 4.6 6.8

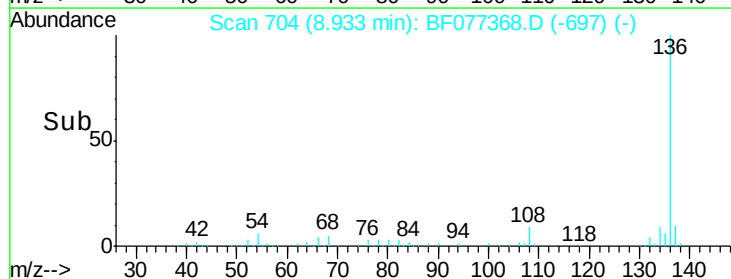
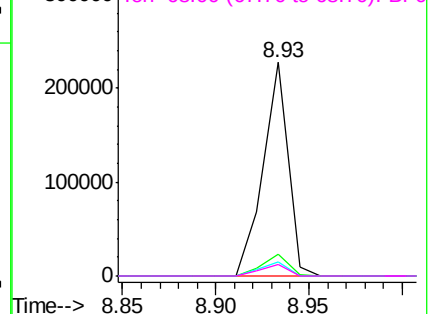


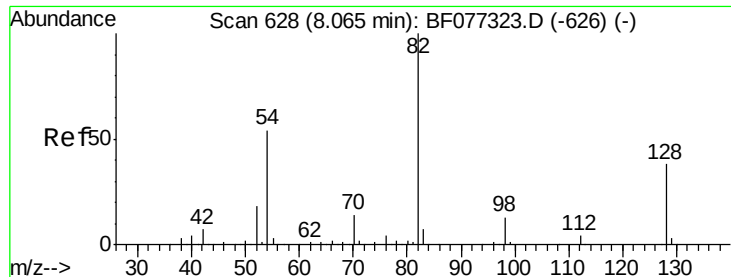
Abundance Ion 136.00 (135.70 to 136.70): E

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

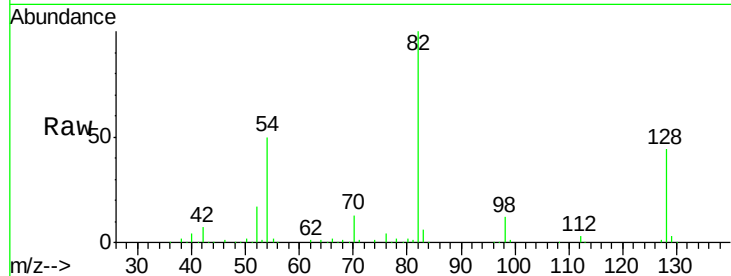




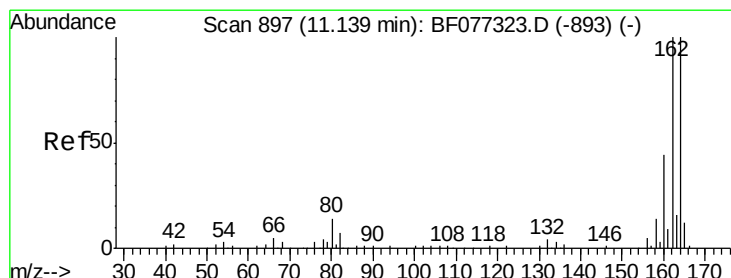
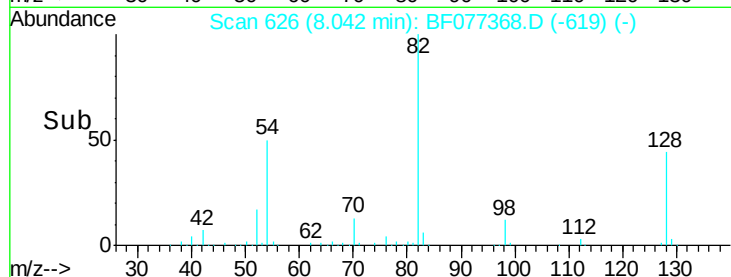
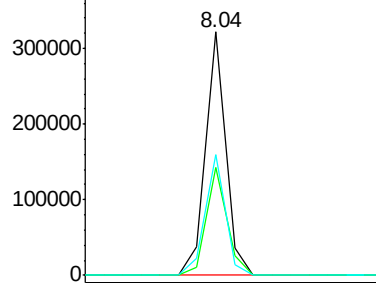
#23
 Nitrobenzene-d5
 Concen: 89.96 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF077368.D
 Acq: 18 Feb 2015 22:53

Instrument :
 BNA_F
 ClientSampled :
 PB81756TB

Tgt Ion: 82 Resp: 272681
 Ion Ratio Lower Upper
 82 100
 128 44.3 30.7 46.1
 54 49.7 43.1 64.7

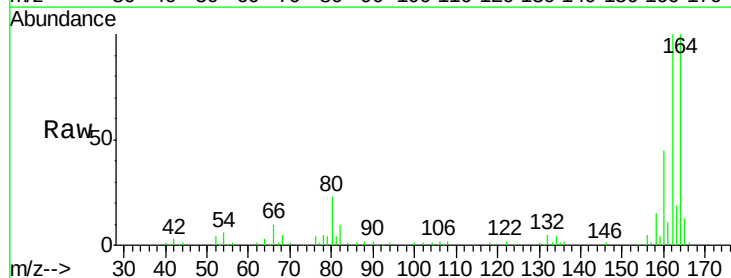


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

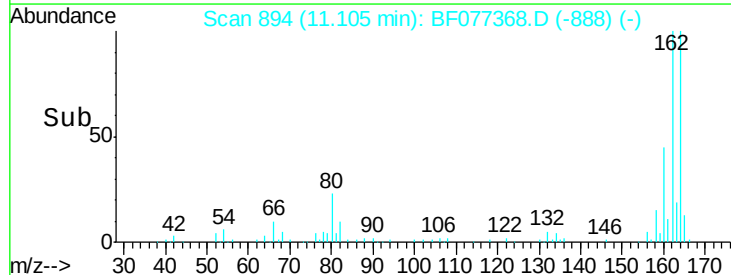
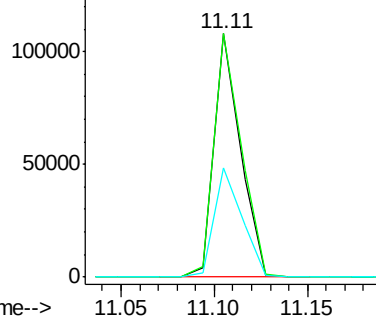


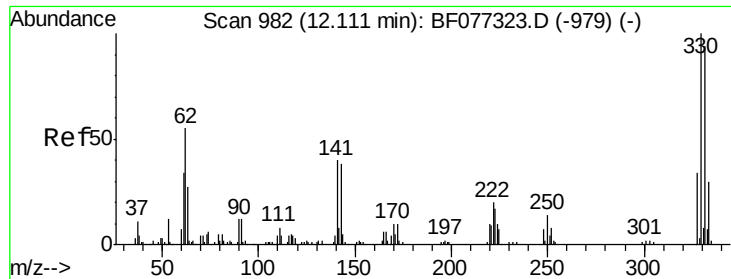
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF077368.D
 Acq: 18 Feb 2015 22:53

Tgt Ion: 164 Resp: 106898
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.4 120.6
 160 45.1 35.3 52.9



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

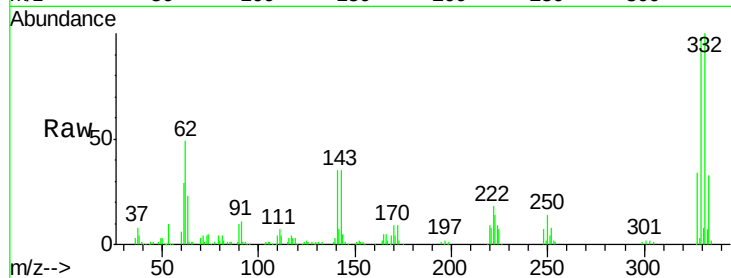




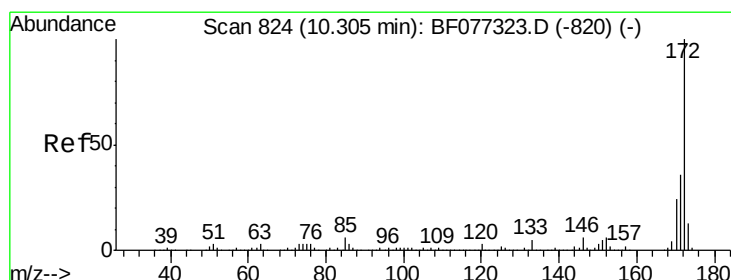
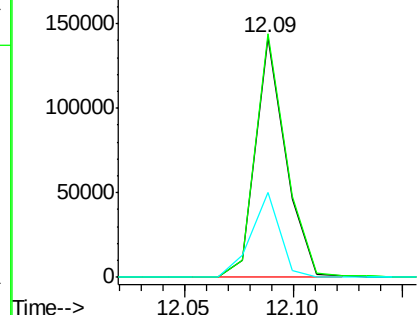
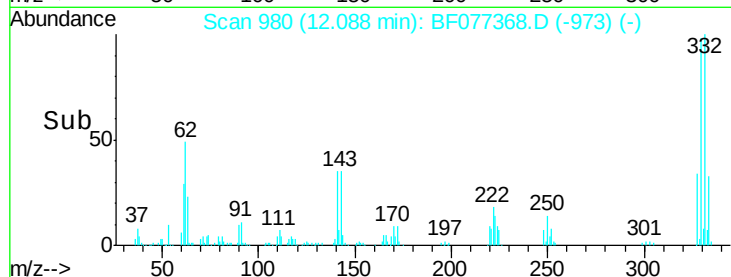
#41
 2,4,6-Tribromophenol
 Concen: 138.44 ng
 RT: 12.09 min Scan# 980
 Delta R.T. -0.02 min
 Lab File: BF077368.D
 Acq: 18 Feb 2015 22:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81756TB

Tgt Ion:330 Resp: 137931
 Ion Ratio Lower Upper
 330 100
 332 101.9 76.1 114.1
 141 33.6 28.5 42.7

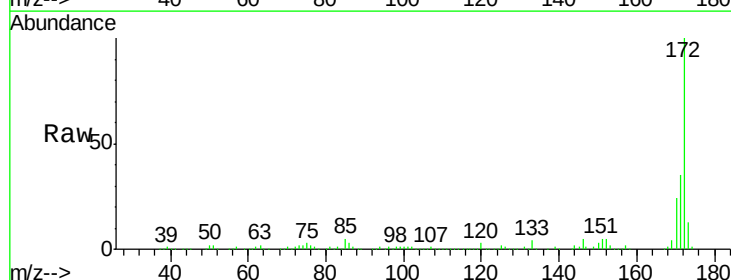


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

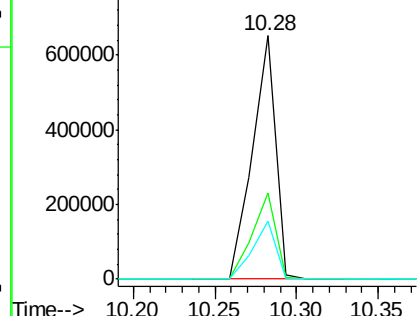
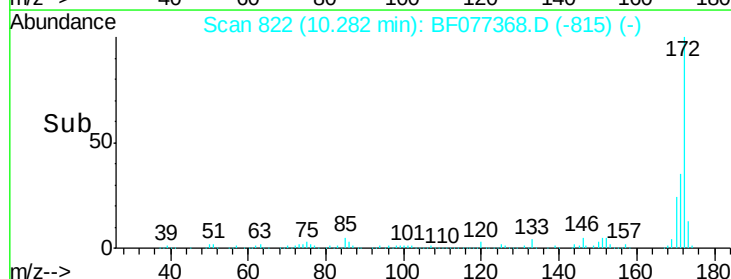


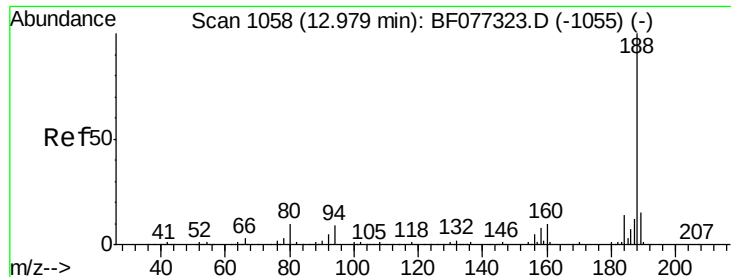
#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 10.28 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF077368.D
 Acq: 18 Feb 2015 22:53

Tgt Ion:172 Resp: 644928
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.6 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

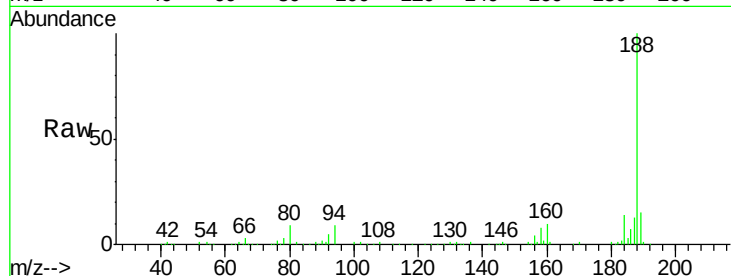




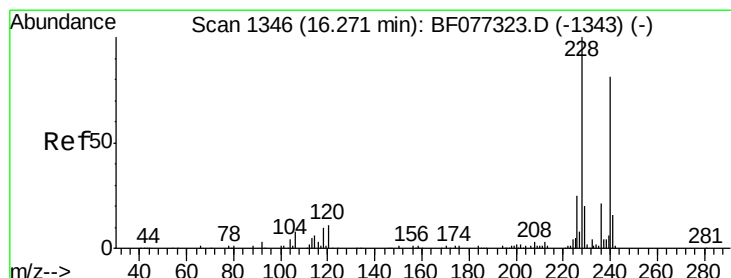
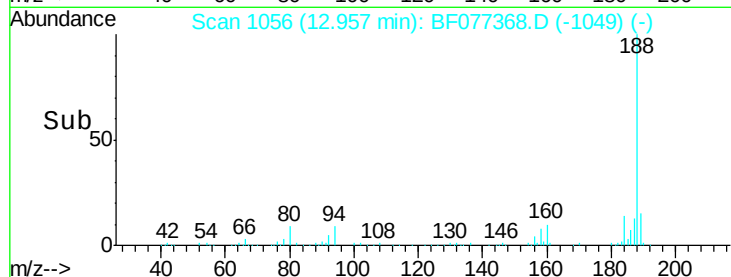
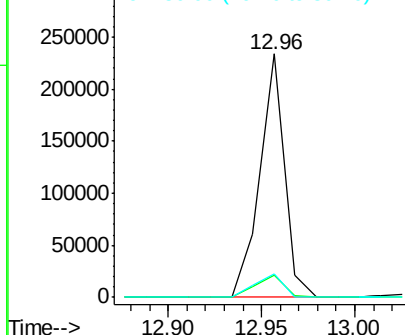
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF077368.D
Acq: 18 Feb 2015 22:53

Instrument :
BNA_F
ClientSampleId :
PB81756TB

Tgt Ion:188 Resp: 216881
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.5 7.8 11.8

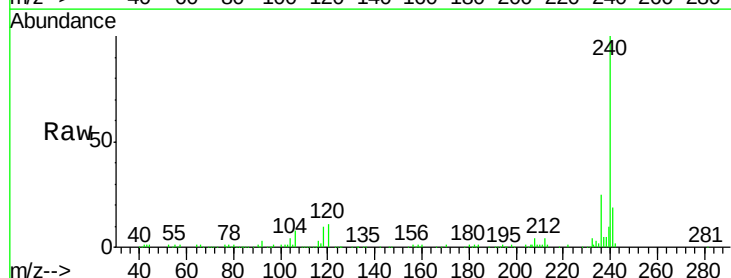


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

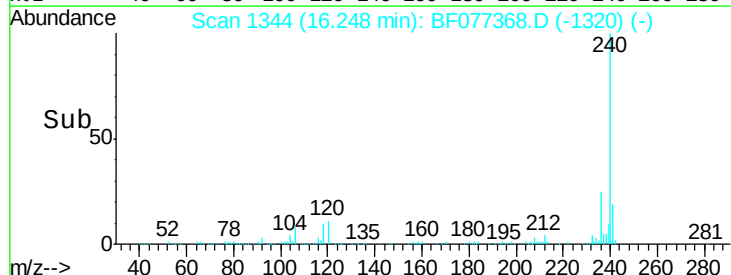
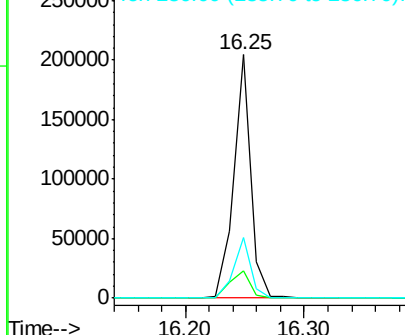


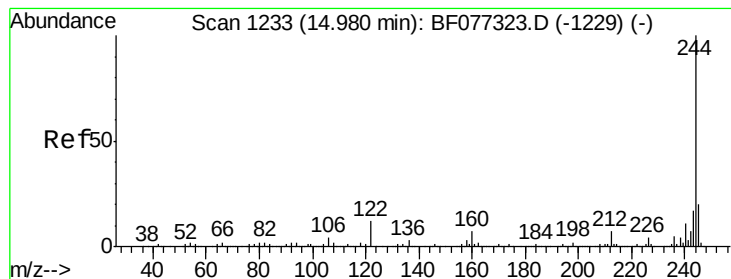
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF077368.D
Acq: 18 Feb 2015 22:53

Tgt Ion:240 Resp: 203474
Ion Ratio Lower Upper
240 100
120 11.3 11.3 16.9#
236 24.9 20.3 30.5



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: 84.65 ng

RT: 14.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

Instrument :

BNA_F

ClientSampleId :

PB81756TB

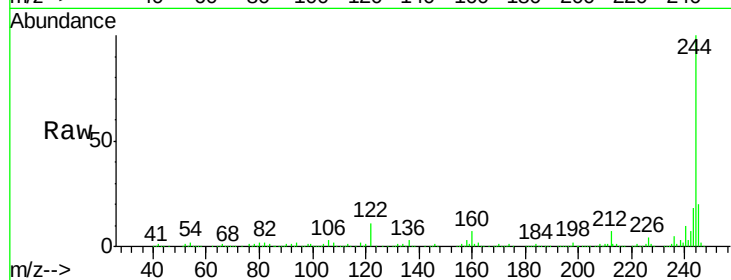
Tgt Ion:244 Resp: 757613

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

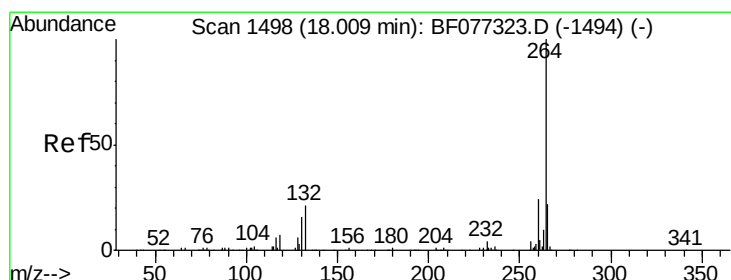
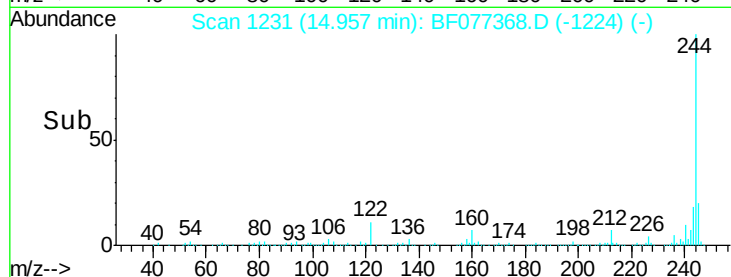
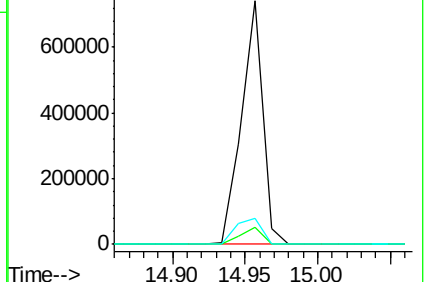
122 10.8 9.3 13.9



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

Perylene-d12

Concen: 20.00 ng

RT: 17.97 min Scan# 1495

Delta R.T. -0.03 min

Lab File: BF077368.D

Acq: 18 Feb 2015 22:53

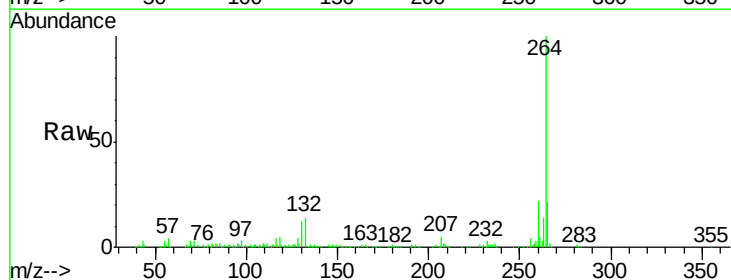
Tgt Ion:264 Resp: 208834

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.0 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

