

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020515\
 Data File : BF077187.D
 Acq On : 5 Feb 2015 16:32
 Operator : TP/IZ
 Sample : PB81602TB
 Misc : W
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81602TB

Quant Time: Feb 06 00:24:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 00:12:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	28479	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	117069	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	61474	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	108077	20.00	ng	0.00
75) Chrysene-d12	21.07	240	118292	20.00	ng	0.00
86) Perylene-d12	22.76	264	100661	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	162893	94.04	ng	0.00
7) Phenol-d6	7.08	99	202539	92.69	ng	0.00
23) Nitrobenzene-d5	8.99	82	117232	55.48	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	39780	79.72	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	250268	61.95	ng	0.00
78) Terphenyl-d14	19.81	244	313922	61.09	ng	0.00

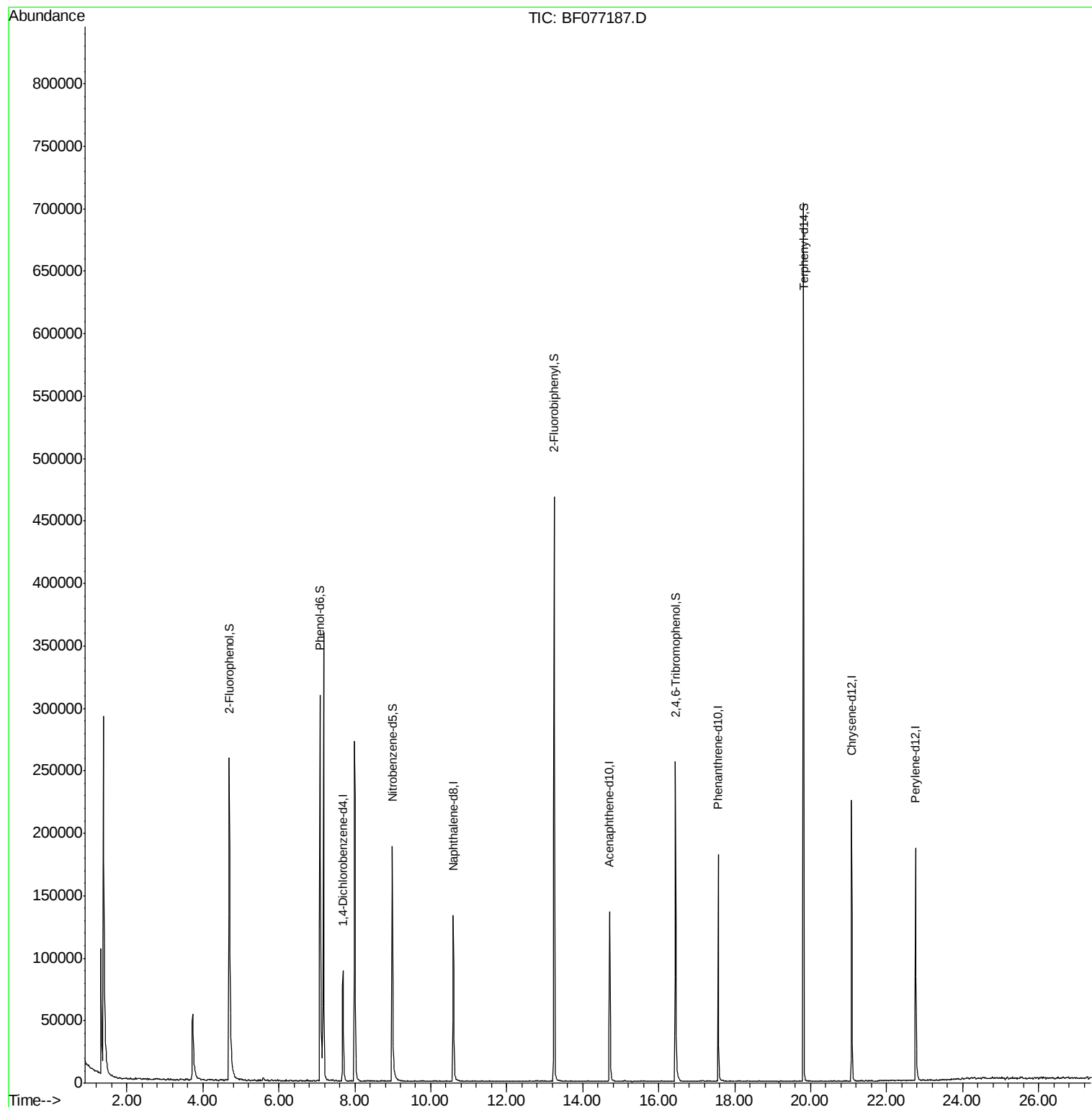
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB81602TB

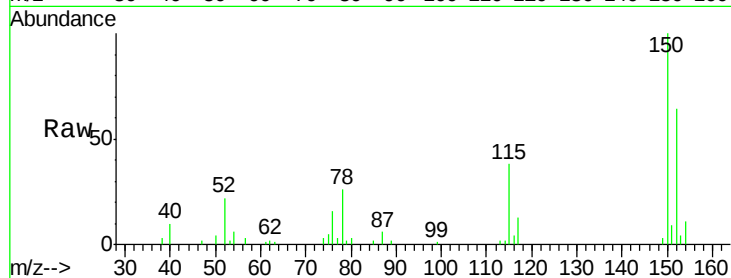
Tgt Ion:152 Resp: 28479

Ion Ratio Lower Upper

152 100

150 155.5 121.7 182.5

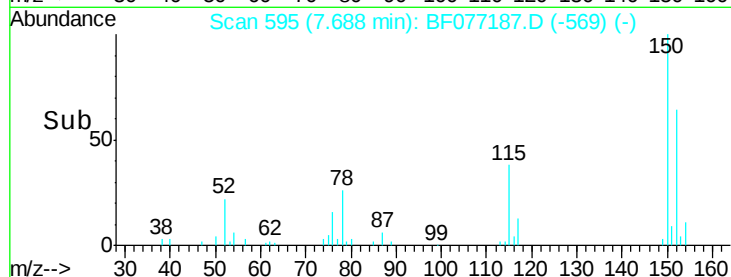
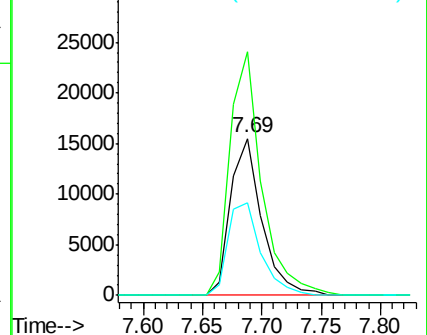
115 58.7 47.0 70.6



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: 94.04 ng

RT: 4.69 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

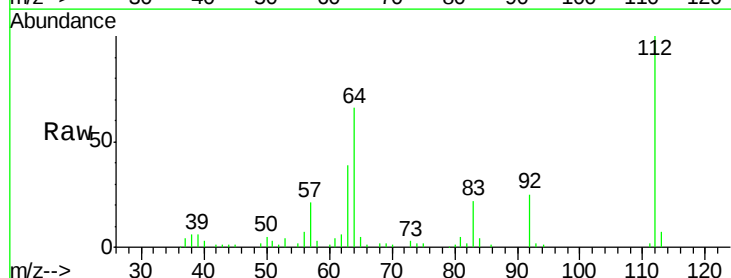
Tgt Ion:112 Resp: 162893

Ion Ratio Lower Upper

112 100

64 66.5 54.2 81.4

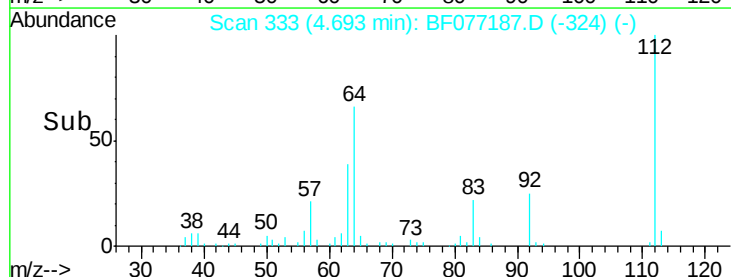
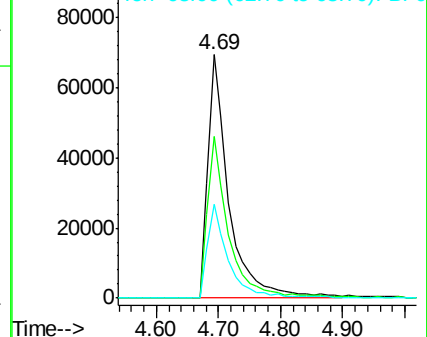
63 38.5 28.4 42.6



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: 92.69 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB81602TB

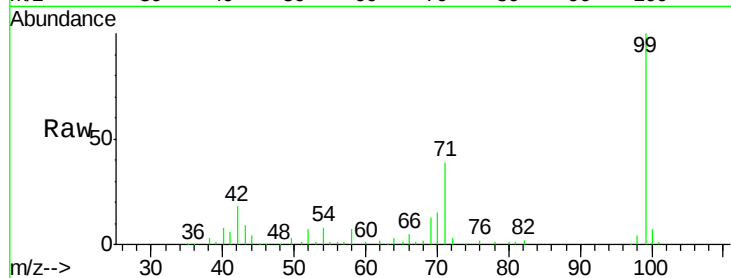
Tgt Ion: 99 Resp: 202539

Ion Ratio Lower Upper

99 100

42 17.7 15.0 22.4

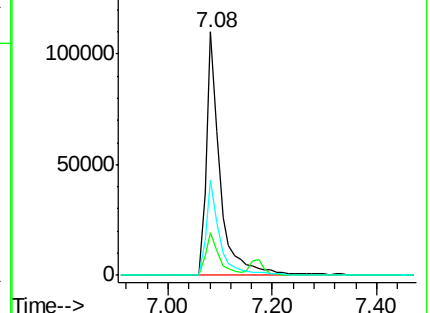
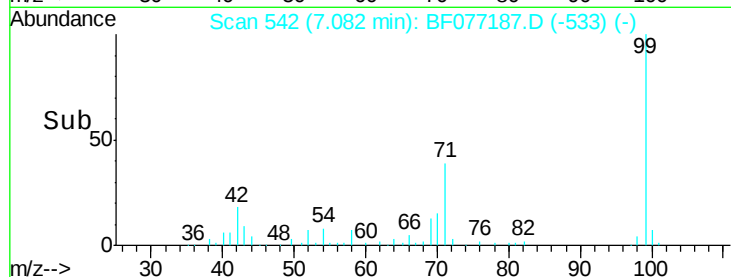
71 39.3 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

Tgt Ion: 136 Resp: 117069

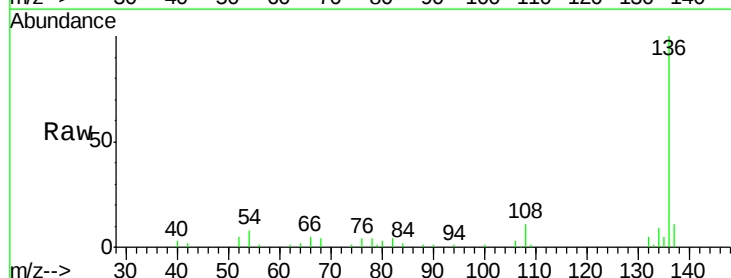
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 8.1 7.0 10.4

68 3.8 3.7 5.5

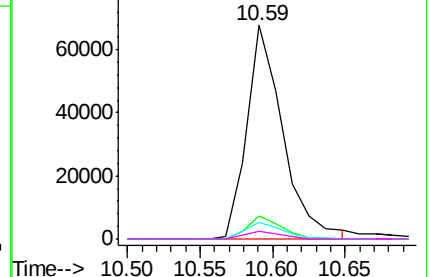
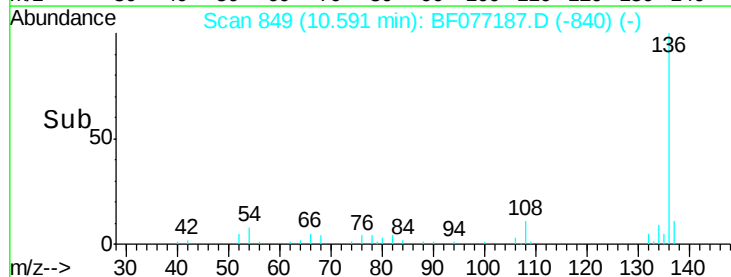


Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

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) (-)

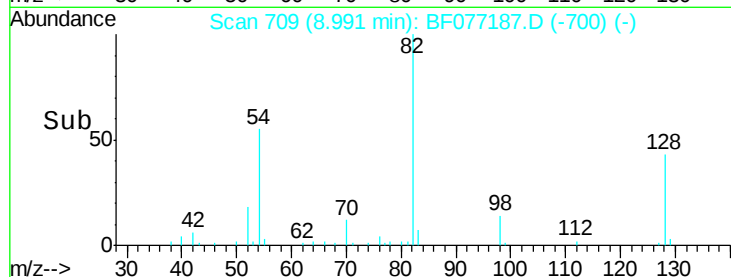
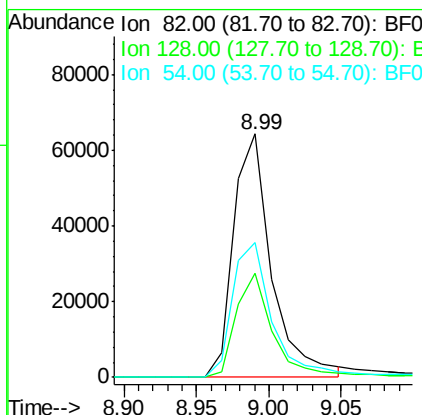
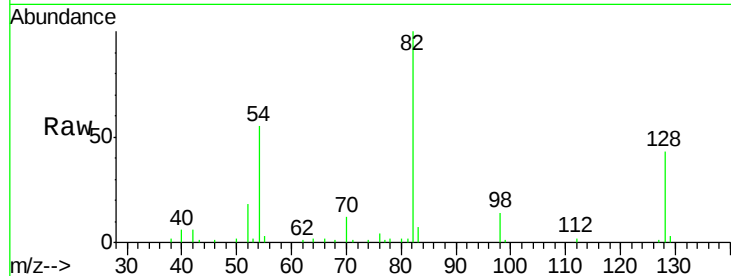




#23
 Nitrobenzene-d5
 Concen: 55.48 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077187.D
 Acq: 5 Feb 2015 16:32

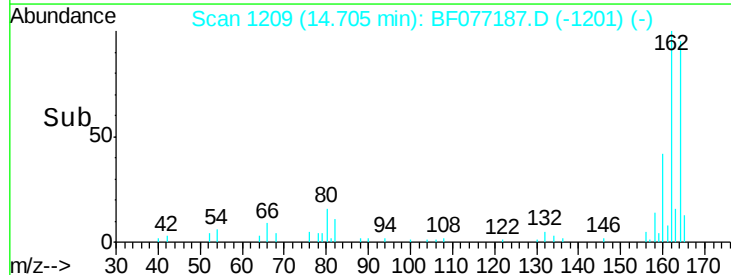
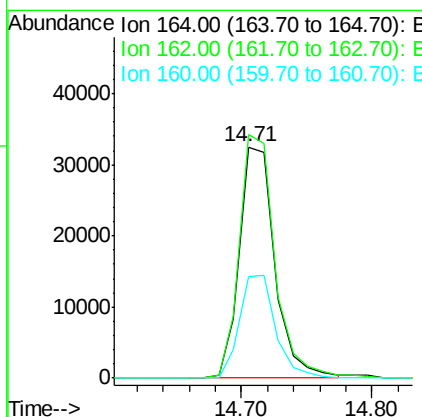
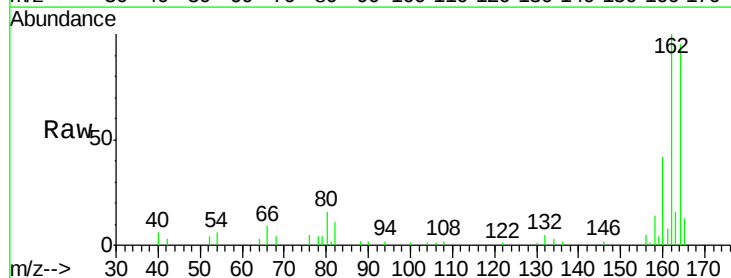
Instrument :
 BNA_F
 ClientSampleId :
 PB81602TB

Tgt Ion: 82 Resp: 117232
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.1 49.7
 54 55.5 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077187.D
 Acq: 5 Feb 2015 16:32

Tgt Ion: 164 Resp: 61474
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.4 123.6
 160 44.0 34.8 52.2





#41

2,4,6-Tribromophenol

Concen: 79.72 ng

RT: 16.44 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB81602TB

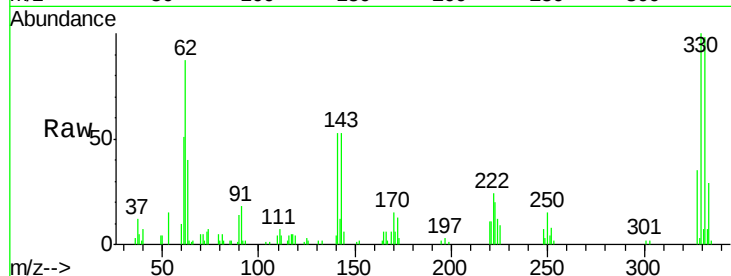
Tgt Ion:330 Resp: 39780

Ion Ratio Lower Upper

330 100

332 95.2 77.8 116.6

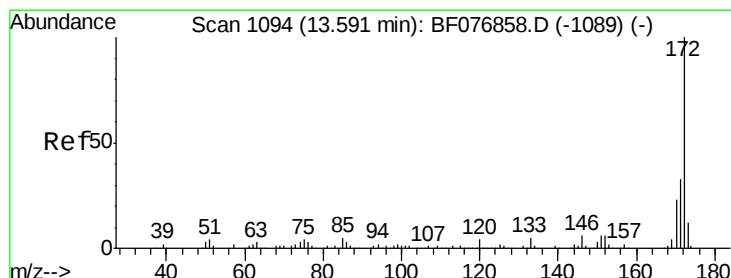
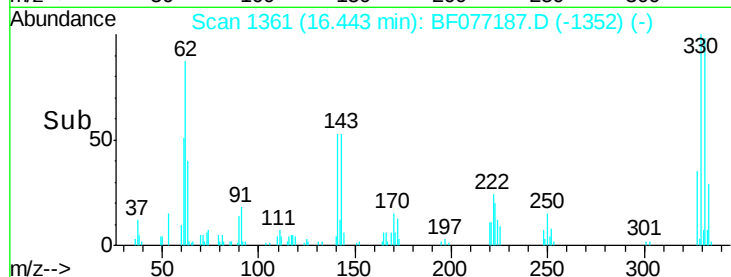
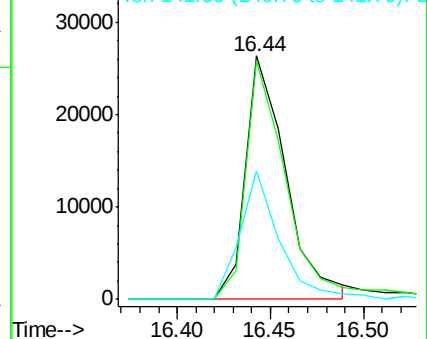
141 51.5 38.5 57.7



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: 61.95 ng

RT: 13.24 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

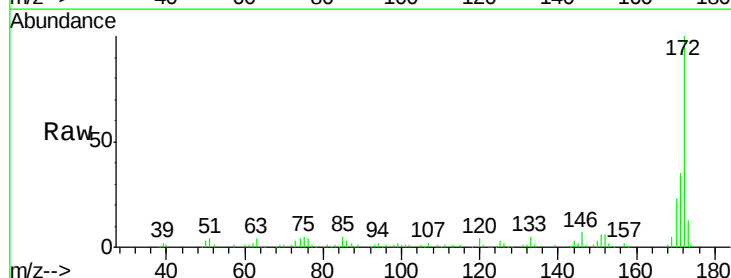
Tgt Ion:172 Resp: 250268

Ion Ratio Lower Upper

172 100

171 35.4 26.6 40.0

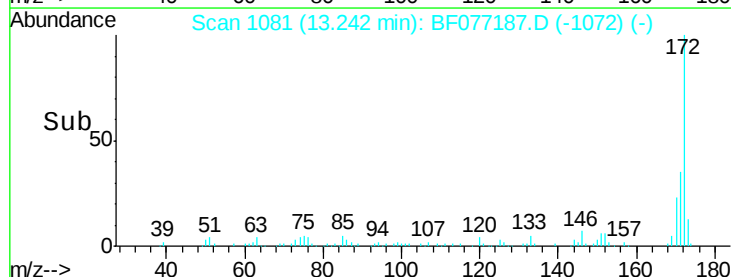
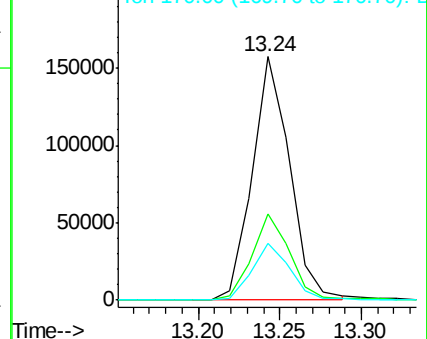
170 23.3 18.0 27.0

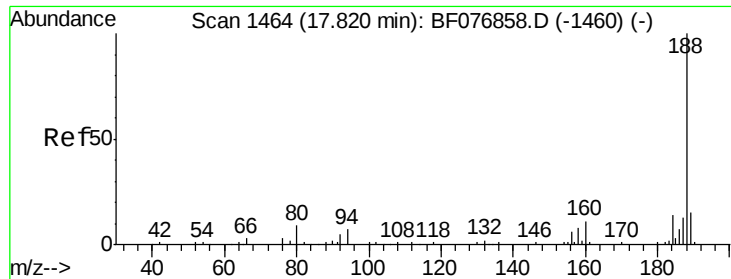


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

Instrument :

BNA_F

ClientSampleId :

PB81602TB

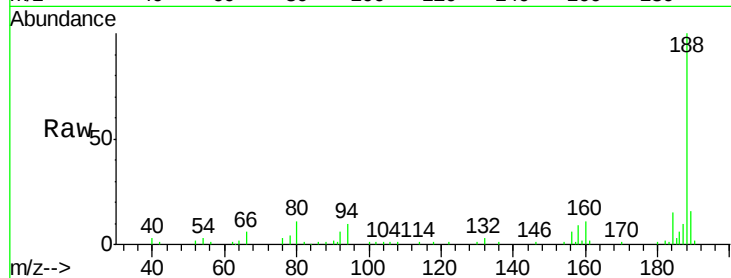
Tgt Ion:188 Resp: 108077

Ion Ratio Lower Upper

188 100

94 10.4 6.0 9.0#

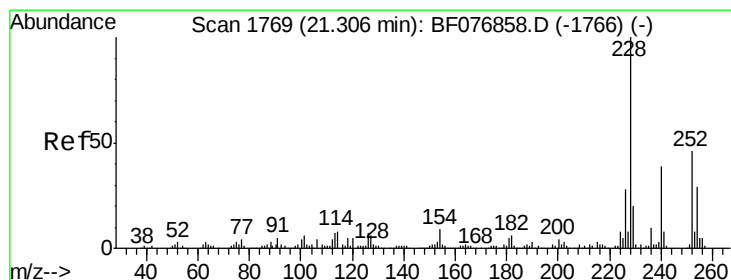
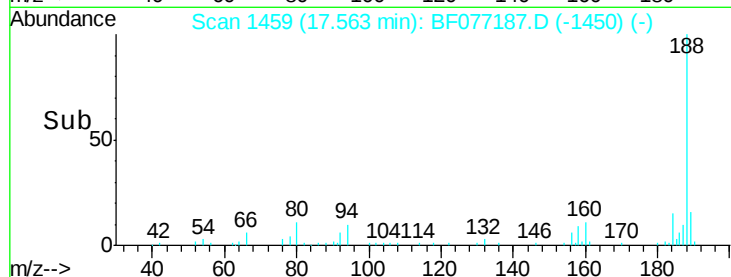
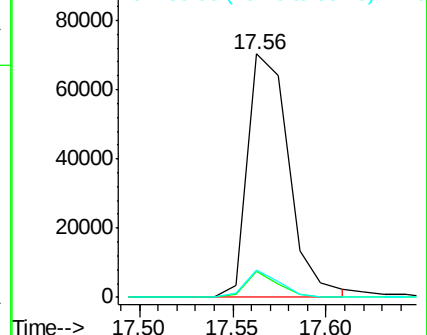
80 11.0 6.9 10.3#



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: 21.07 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF077187.D

Acq: 5 Feb 2015 16:32

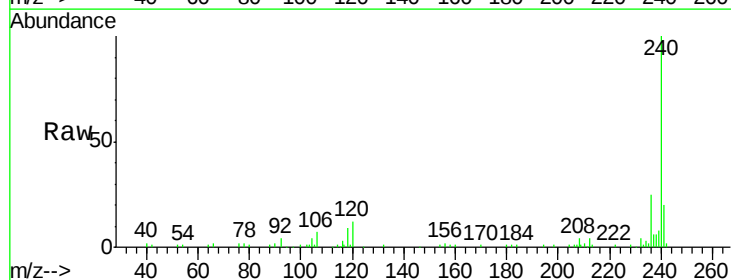
Tgt Ion:240 Resp: 118292

Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

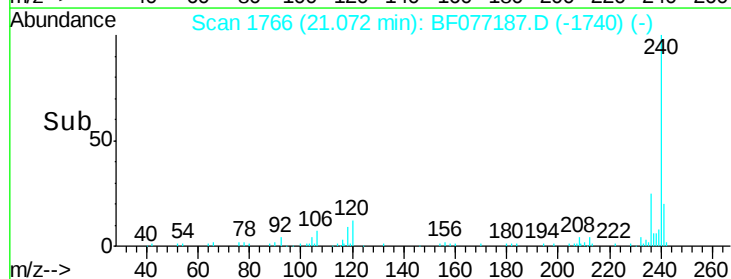
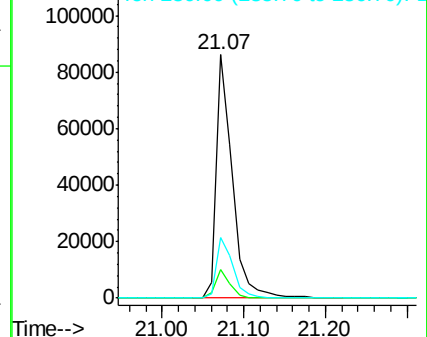
236 24.9 20.2 30.2



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

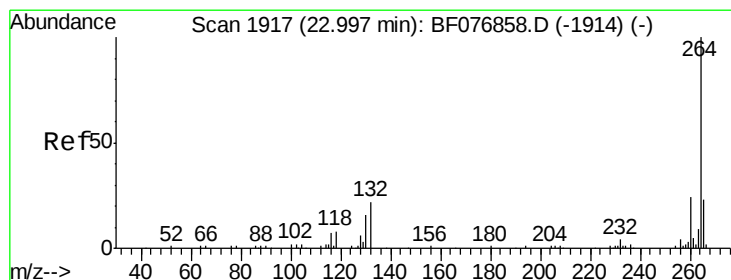
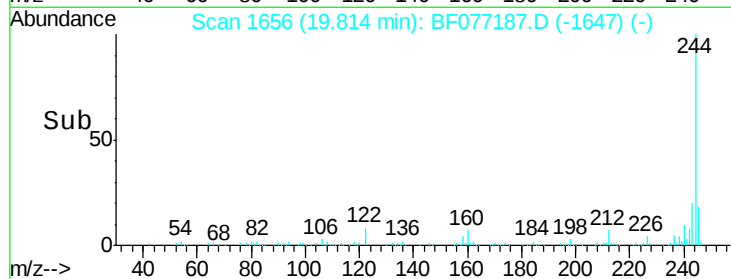
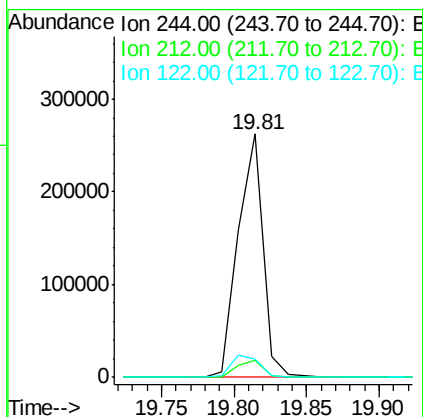
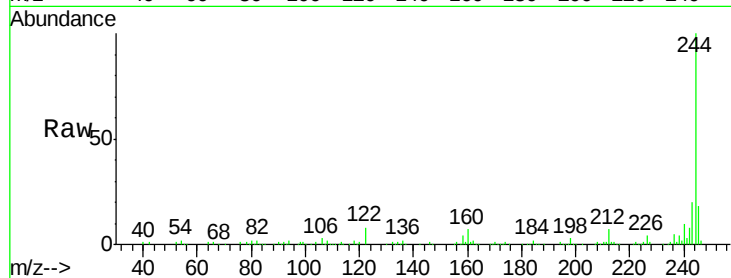




#78
 Terphenyl-d14
 Concen: 61.09 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077187.D
 Acq: 5 Feb 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81602TB

Tgt Ion:244 Resp: 313922
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 7.5 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1914
 Delta R.T. 0.01 min
 Lab File: BF077187.D
 Acq: 5 Feb 2015 16:32

Tgt Ion:264 Resp: 100661
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.7 18.1 27.1

