

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078188.D
 Acq On : 2 Apr 2015 9:23
 Operator : TP/IZ
 Sample : G1702-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-03262015

Quant Time: Apr 02 12:48:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	34914	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	144093	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	71083	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	140904	20.00	ng	0.00
75) Chrysene-d12	15.87	240	140646	20.00	ng	0.00
86) Perylene-d12	17.65	264	131882	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	192573	90.94	ng	0.00
7) Phenol-d6	6.60	99	172463	64.99	ng	0.00
23) Nitrobenzene-d5	7.71	82	223043	93.82	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	92029	156.10	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	493090	99.16	ng	0.00
78) Terphenyl-d14	14.59	244	589733	94.75	ng	0.00

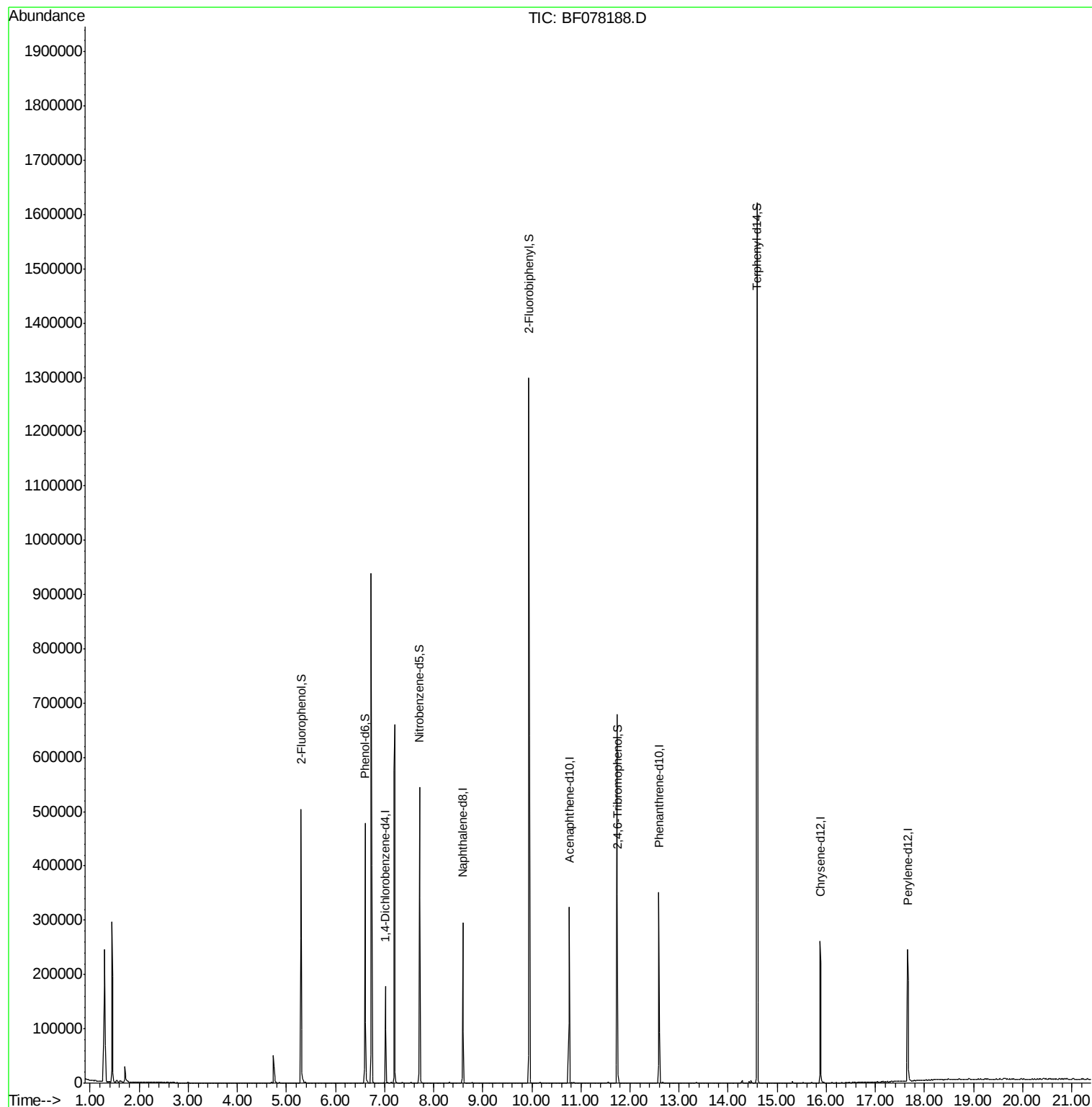
Target Compounds Qvalue

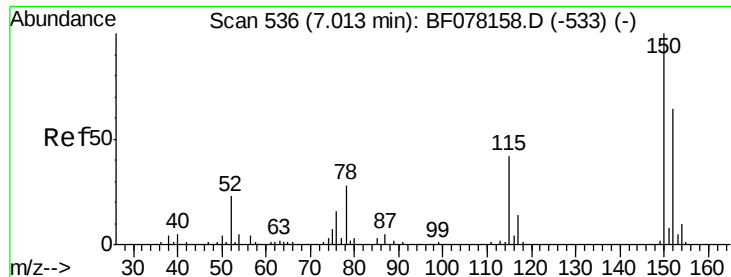
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

Instrument :

BNA_F

ClientSampleId :

FB-03262015

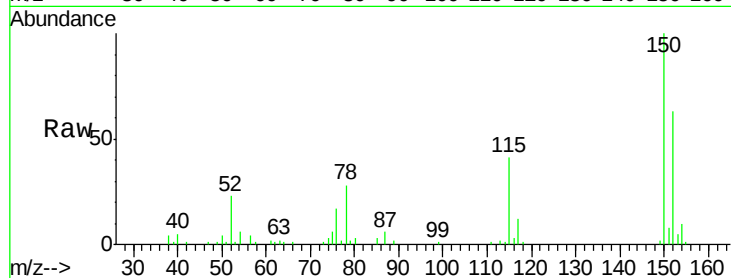
Tot Ion:152 Resp: 34914

Ion Ratio Lower Upper

152 100

150 158.8 125.9 188.9

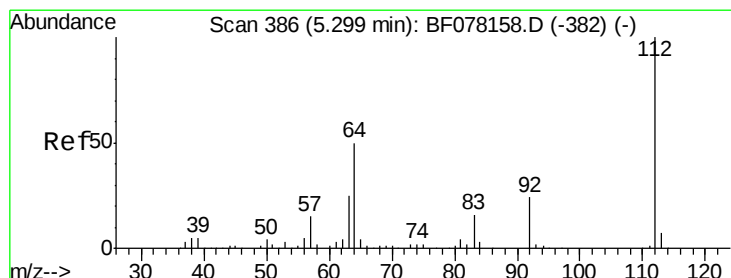
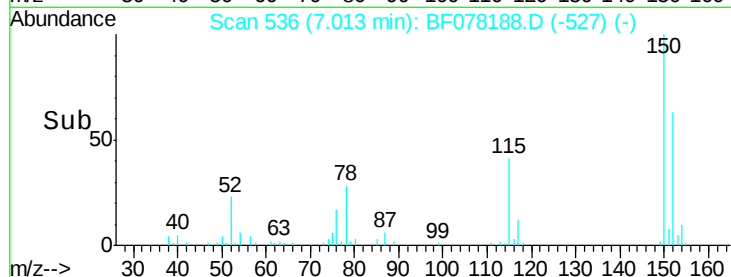
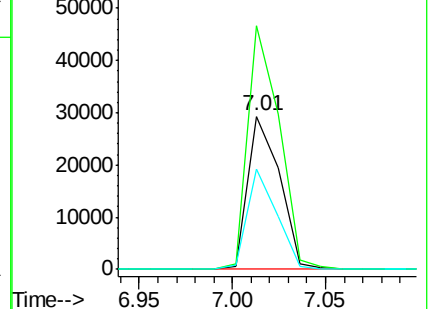
115 65.2 52.7 79.1



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: 90.94 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

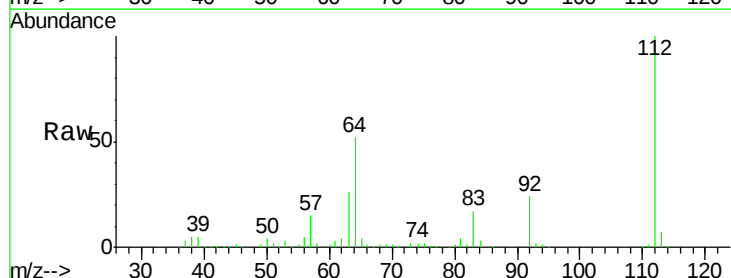
Tgt Ion:112 Resp: 192573

Ion Ratio Lower Upper

112 100

64 51.6 39.9 59.9

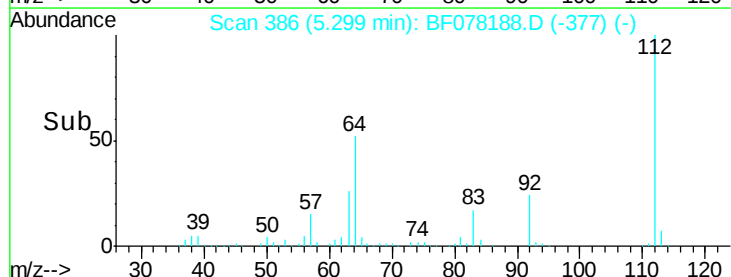
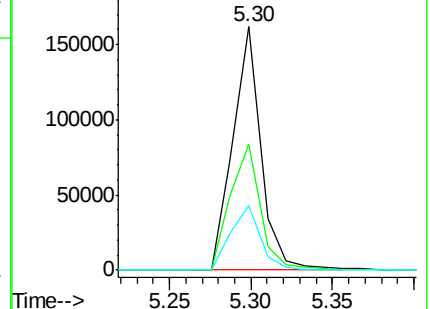
63 26.4 20.2 30.4

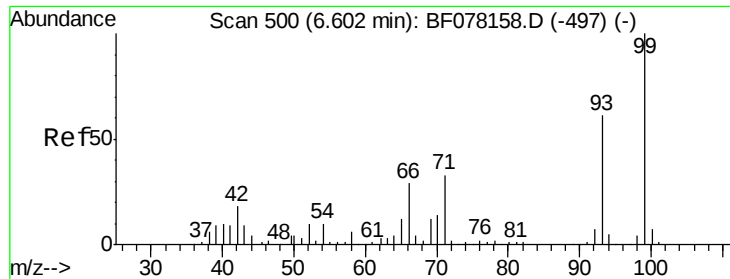


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.99 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

Instrument :

BNA_F

ClientSampleId :

FB-03262015

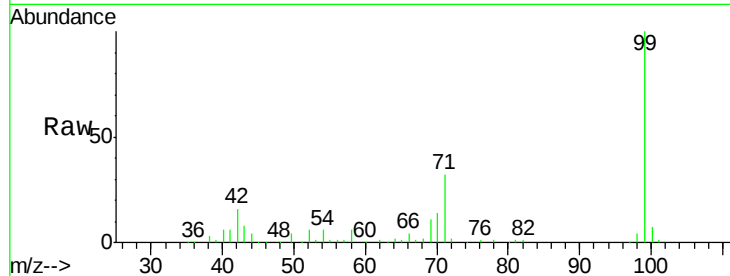
Tot Ion: 99 Resp: 172463

Ion Ratio Lower Upper

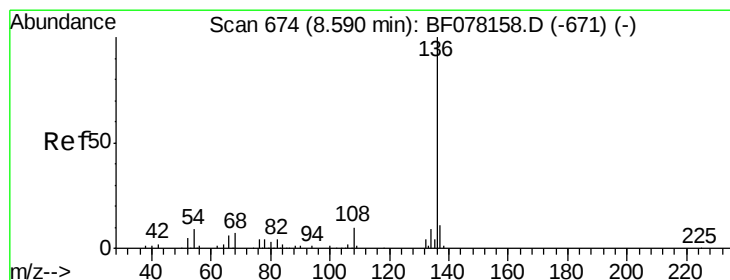
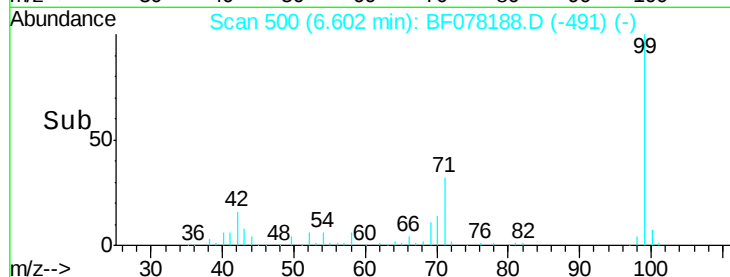
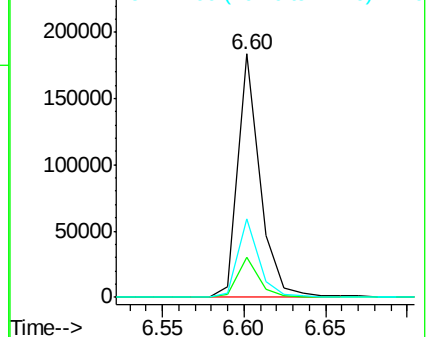
99 100

42 16.5 14.8 22.2

71 32.4 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

Tgt Ion: 136 Resp: 144093

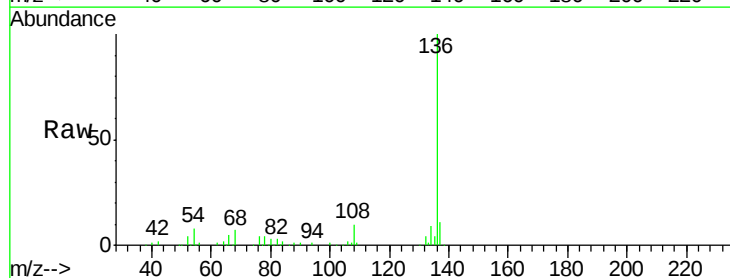
Ion Ratio Lower Upper

136 100

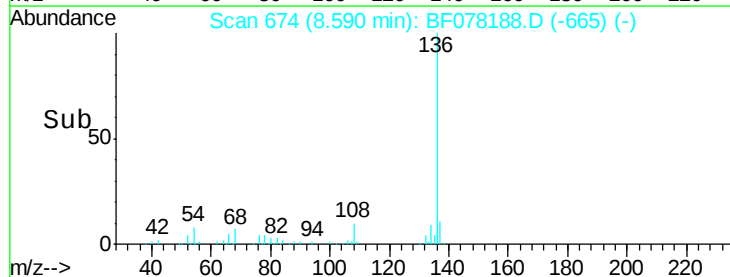
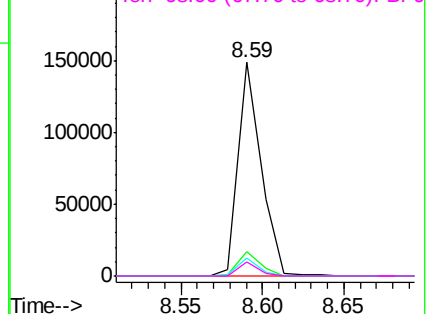
137 11.1 9.0 13.4

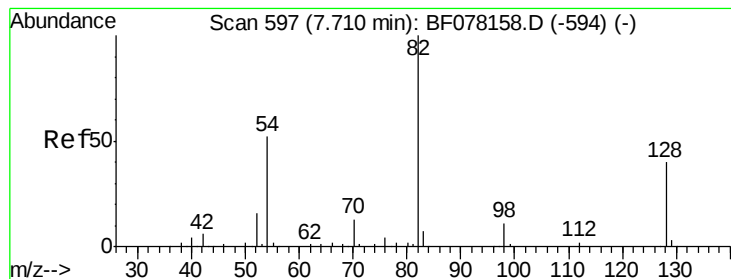
54 8.4 7.0 10.6

68 6.6 5.4 8.2



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: 93.82 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

Instrument :

BNA_F

ClientSampleId :

FB-03262015

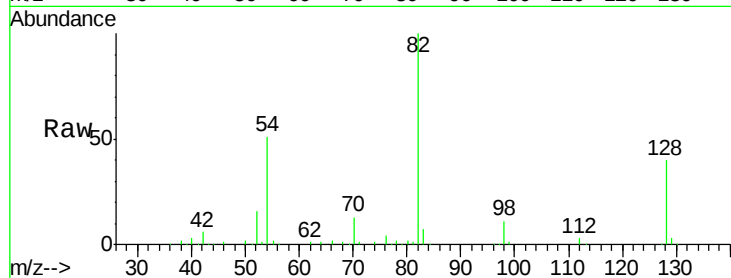
Tot Ion: 82 Resp: 223043

Ion Ratio Lower Upper

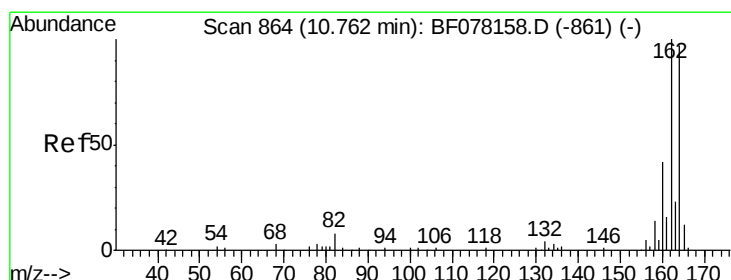
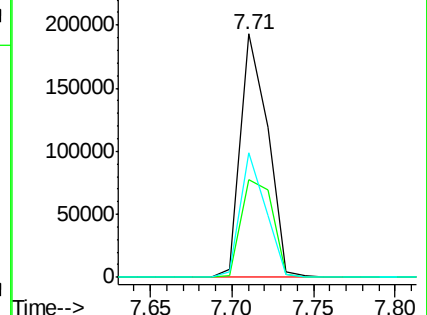
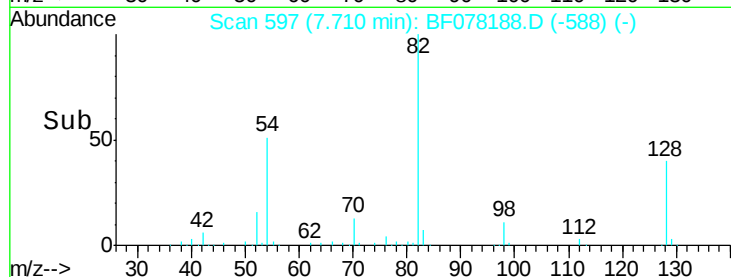
82 100

128 40.2 31.8 47.8

54 51.0 41.5 62.3



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: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

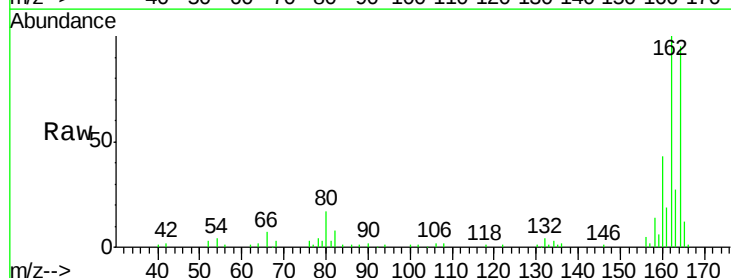
Tgt Ion:164 Resp: 71083

Ion Ratio Lower Upper

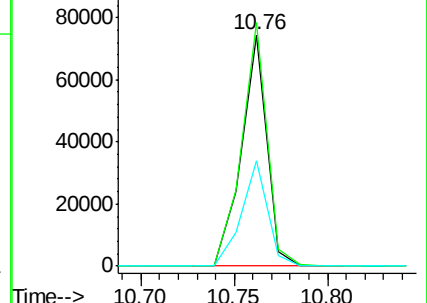
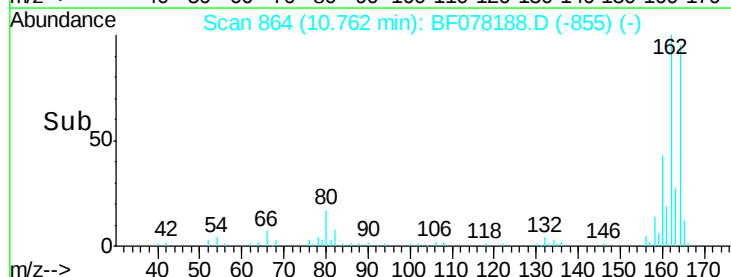
164 100

162 105.2 82.2 123.2

160 45.7 34.7 52.1



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

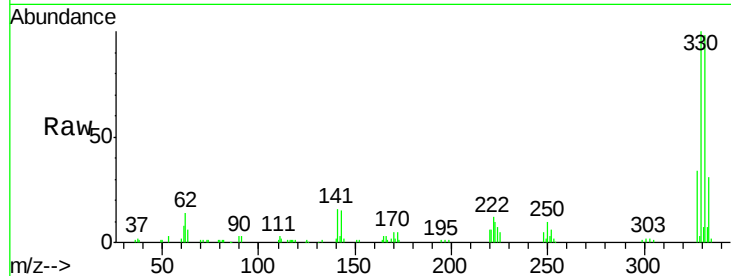




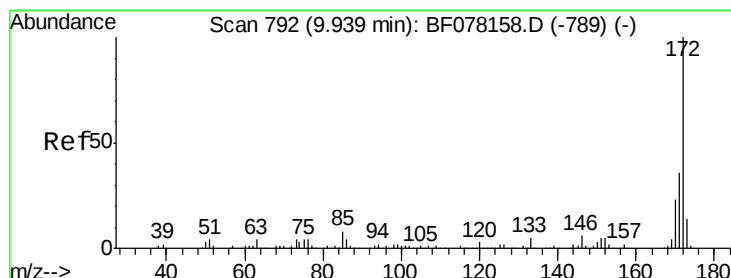
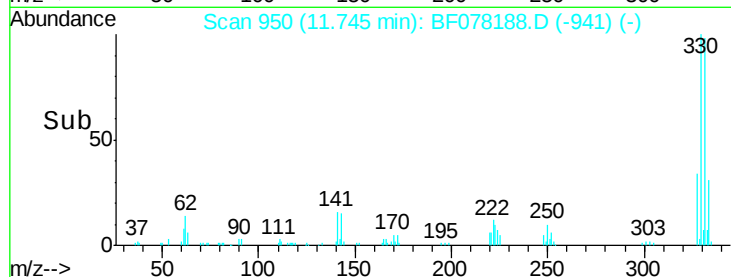
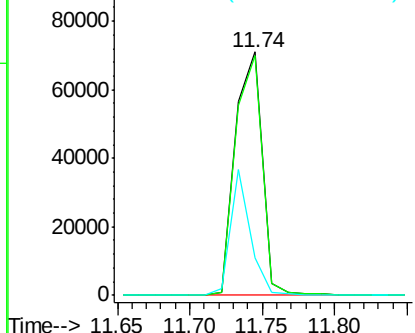
#41
 2,4,6-Tribromophenol
 Concen: 156.10 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF078188.D
 Acq: 2 Apr 2015 9:23

Instrument :
 BNA_F
 ClientSampleId :
 FB-03262015

Tot Ion:330 Resp: 92029
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.6 117.8
 141 38.1 31.2 46.8

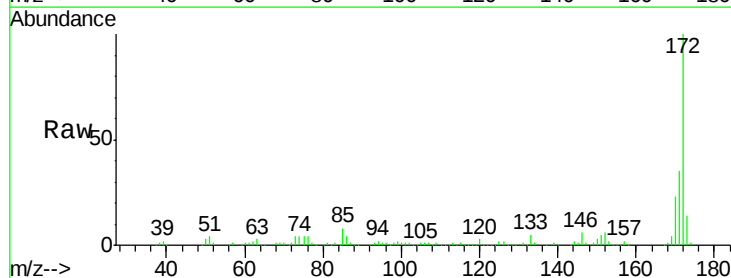


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

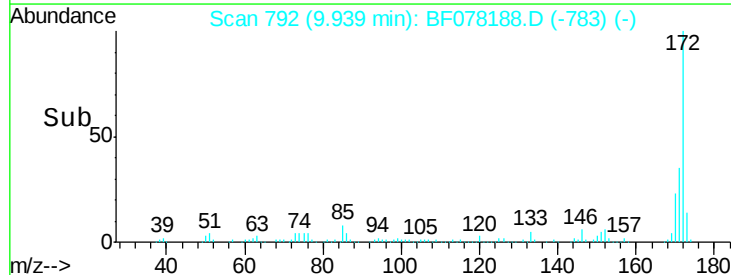
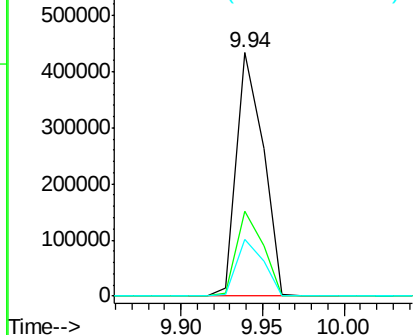


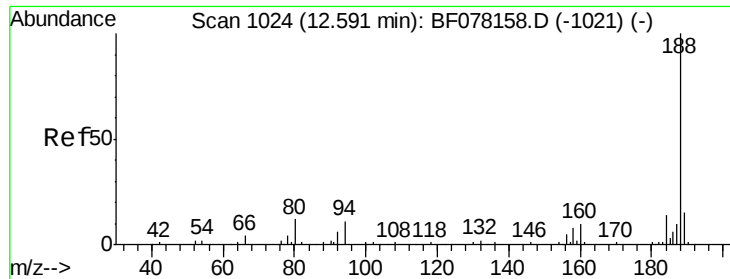
#44
 2-Fluorobiphenyl
 Concen: 99.16 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078188.D
 Acq: 2 Apr 2015 9:23

Tgt Ion:172 Resp: 493090
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.4 18.5 27.7



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

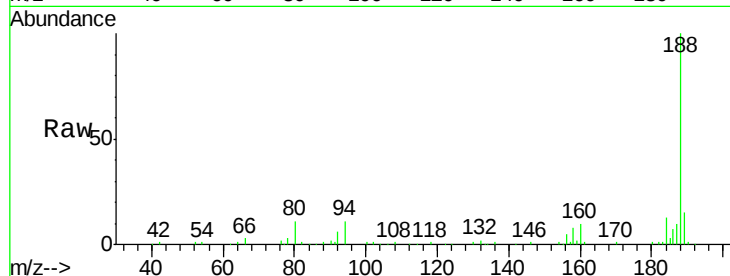




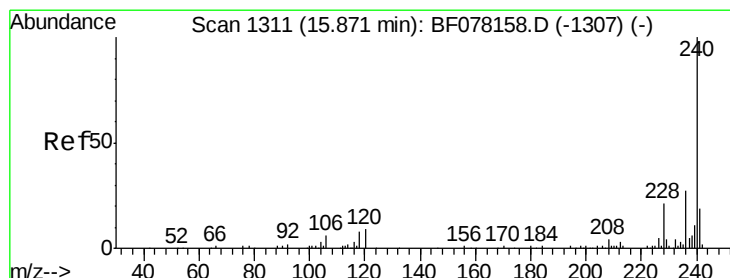
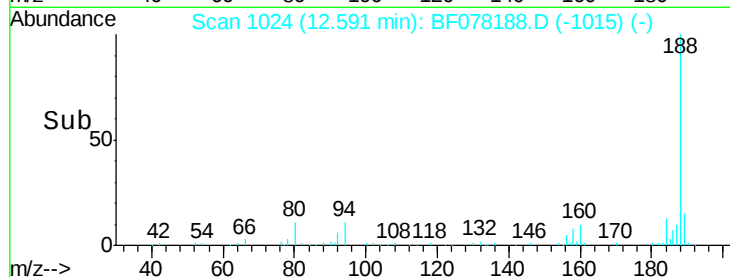
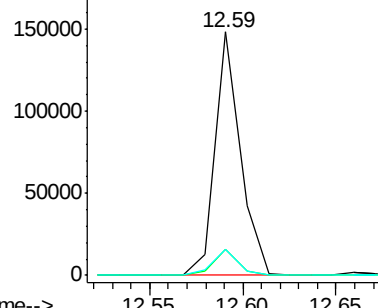
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078188.D
Acq: 2 Apr 2015 9:23

Instrument :
BNA_F
ClientSampleId :
FB-03262015

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	10.6	9.5	14.3

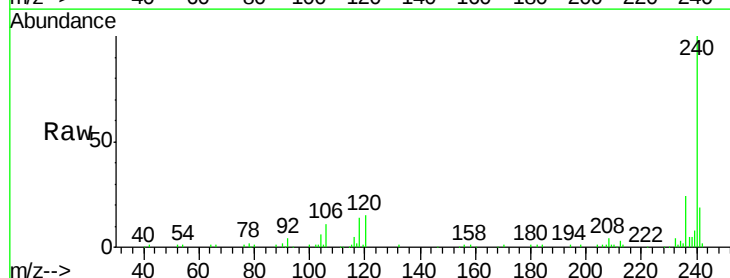


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

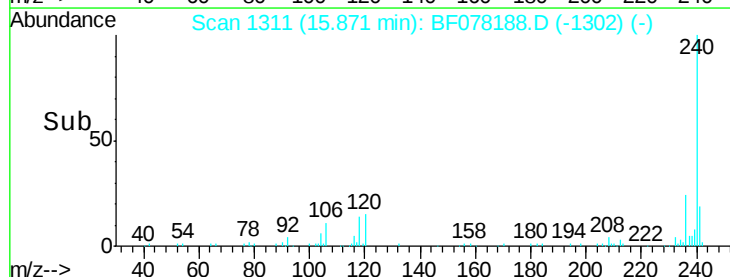
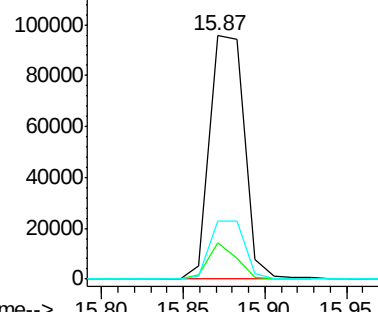


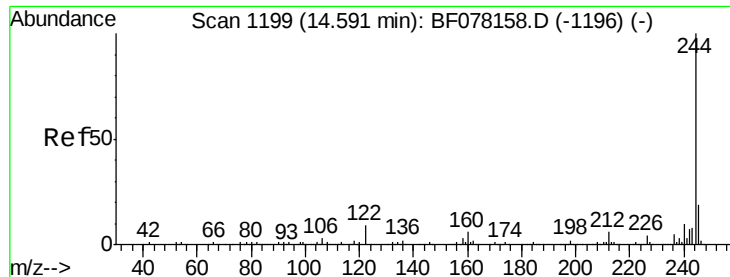
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF078188.D
Acq: 2 Apr 2015 9:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	7.1	10.7#
236	24.1	21.4	32.2



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: 94.75 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

Instrument :

BNA_F

ClientSampleId :

FB-03262015

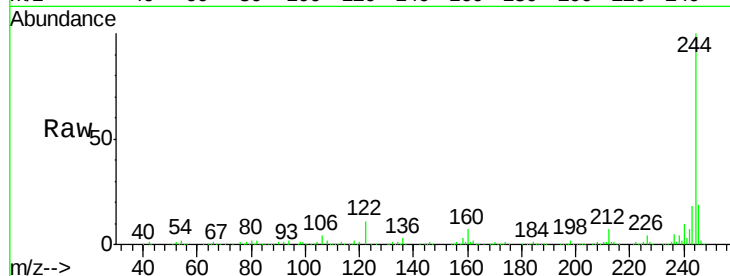
Tot Ion:244 Resp: 589733

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

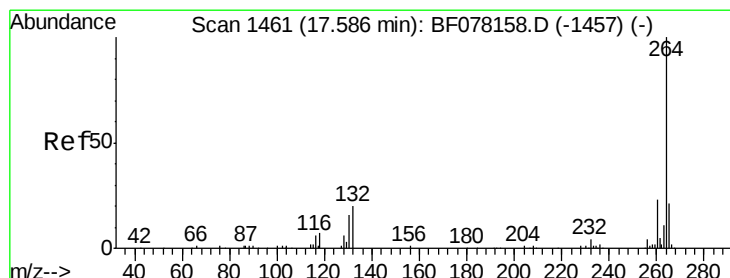
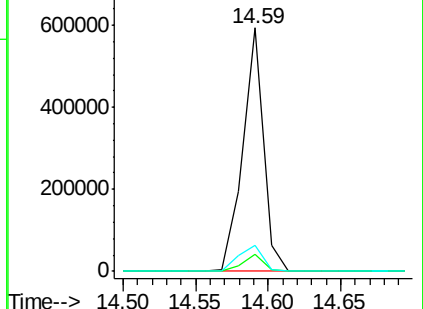
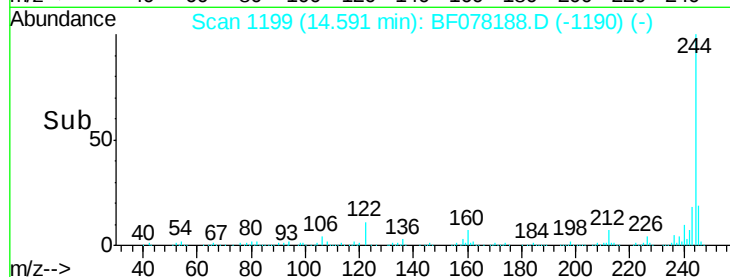
122 10.7 7.1 10.7#



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: 17.65 min Scan# 1467

Delta R.T. 0.07 min

Lab File: BF078188.D

Acq: 2 Apr 2015 9:23

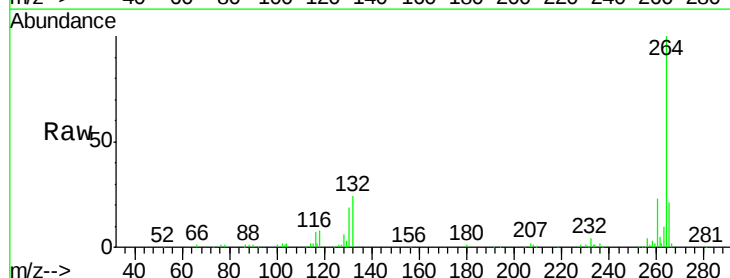
Tgt Ion:264 Resp: 131882

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 20.7 17.0 25.6



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

