

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
 Data File : BF080192.D
 Acq On : 26 Jun 2015 16:33
 Operator : TP/IZ
 Sample : PB84223BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84223BL

Quant Time: Jun 26 23:57:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 23:02:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33907	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	133436	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	67949	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	129644	20.00	ng	-0.02
75) Chrysene-d12	14.75	240	140816	20.00	ng	-0.29
86) Perylene-d12	16.56	264	134866	20.00	ng	-0.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	223139	116.49	ng	0.00
7) Phenol-d6	6.89	99	288046	113.01	ng	0.00
23) Nitrobenzene-d5	7.85	82	172549	75.28	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	68162	102.59	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	360272	75.61	ng	0.00
78) Terphenyl-d14	13.51	244	416901	69.14	ng	-0.15

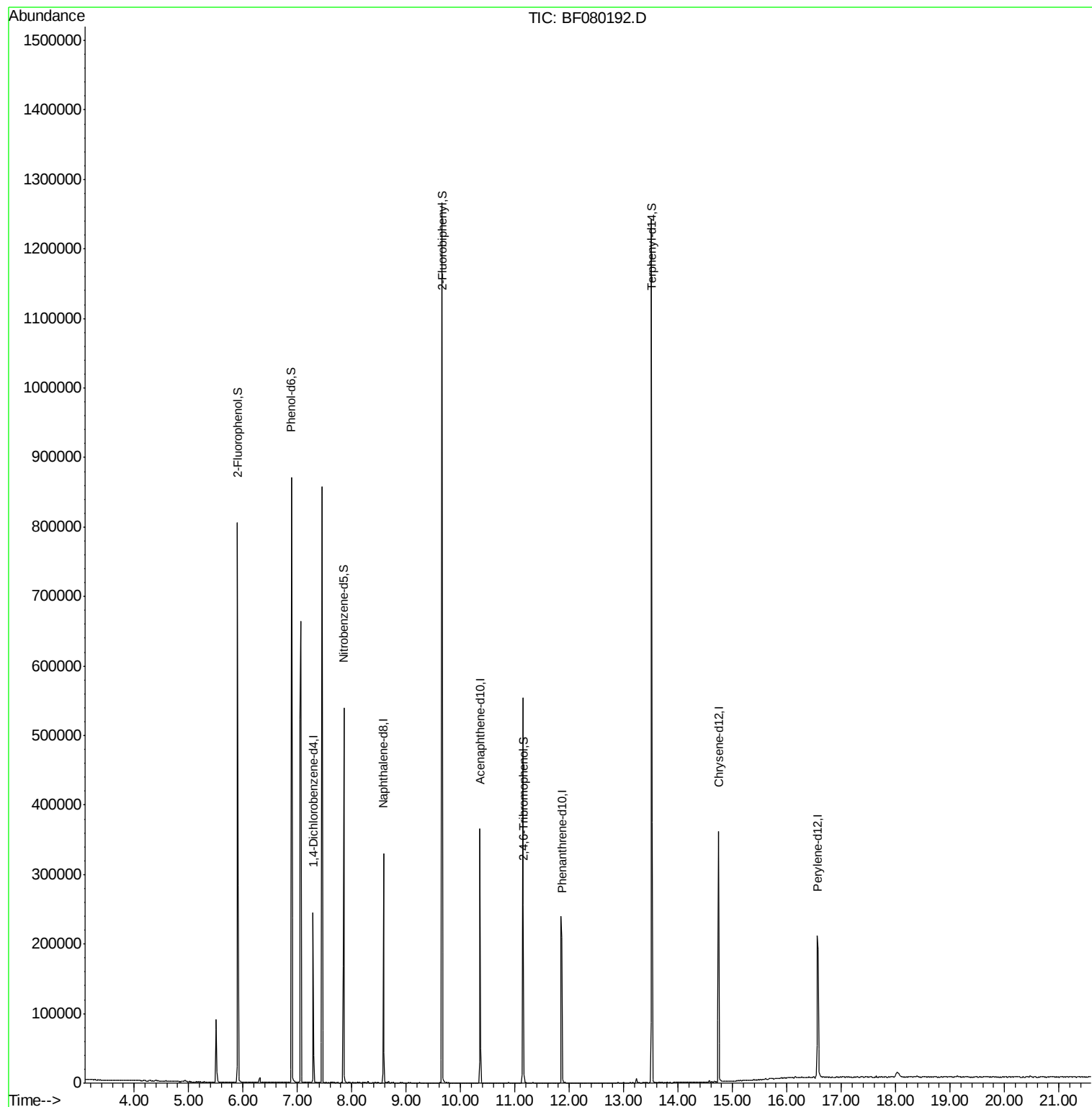
Target Compounds	Qvalue
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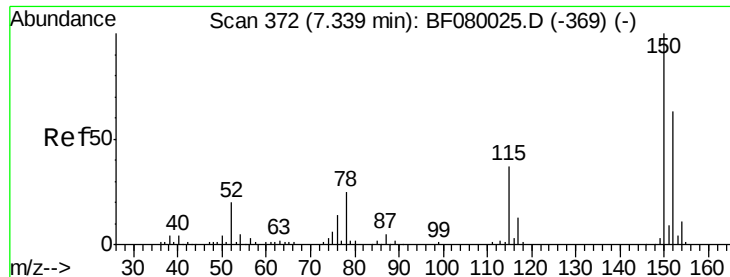
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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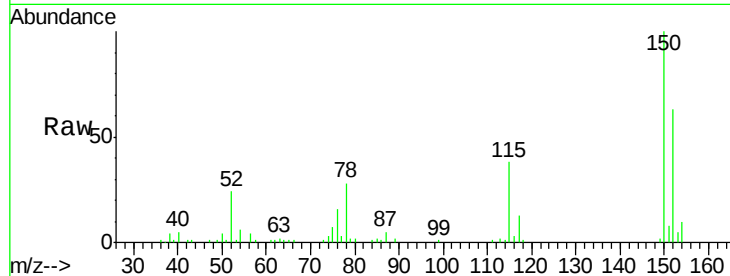


#1

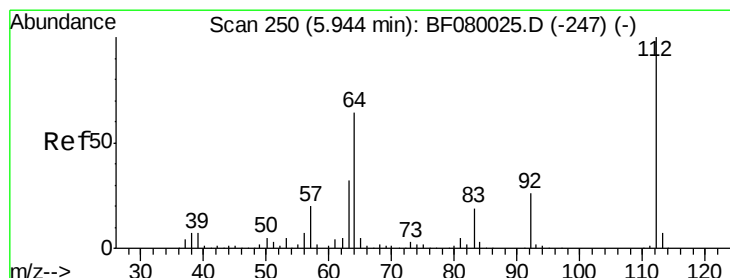
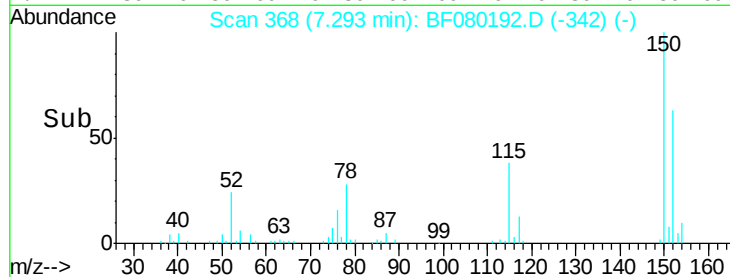
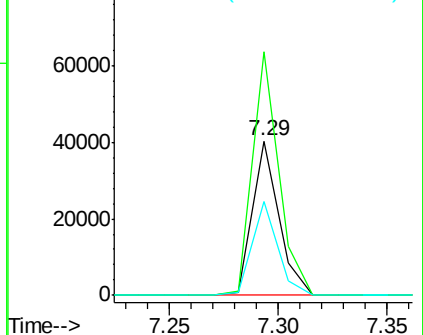
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84223BL

Tgt Ion:152 Resp: 33907
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.7 187.1
 115 60.7 39.0 58.4#



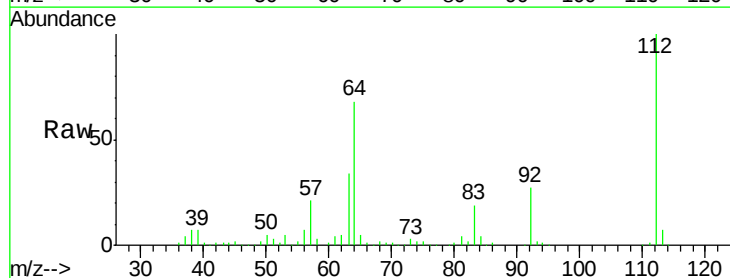
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



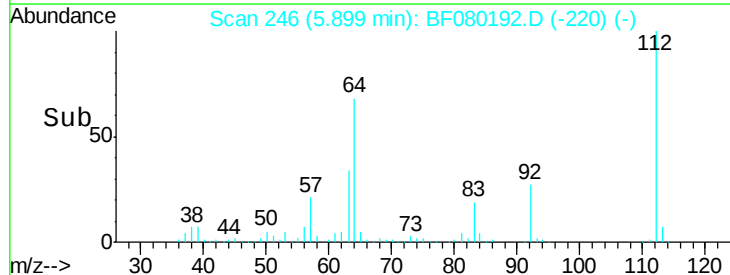
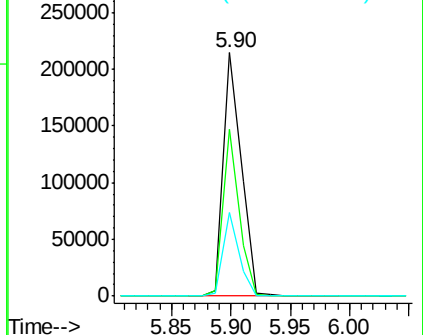
#5

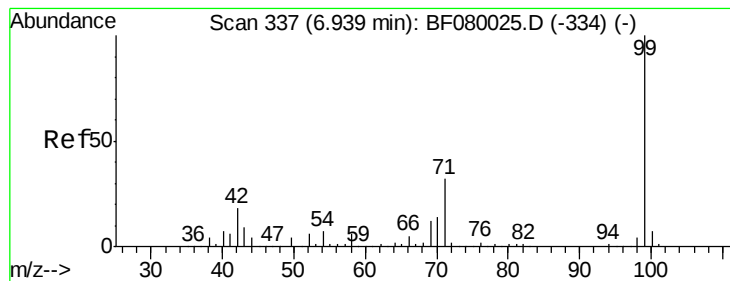
2-Fluorophenol
 Concen: 116.49 ng
 RT: 5.90 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt Ion:112 Resp: 223139
 Ion Ratio Lower Upper
 112 100
 64 68.3 39.7 59.5#
 63 34.3 17.4 26.0#



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: 113.01 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB84223BL

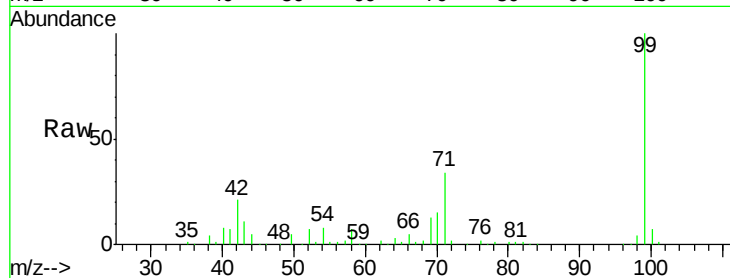
Tgt Ion: 99 Resp: 288046

Ion Ratio Lower Upper

99 100

42 20.6 13.7 20.5#

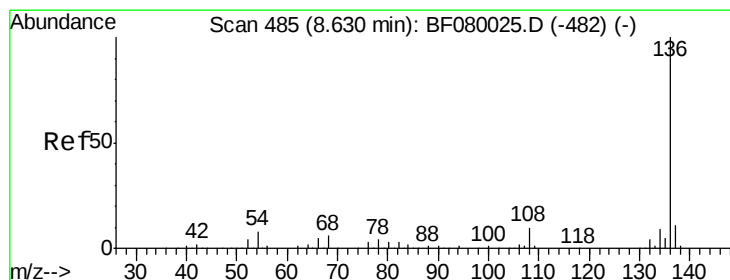
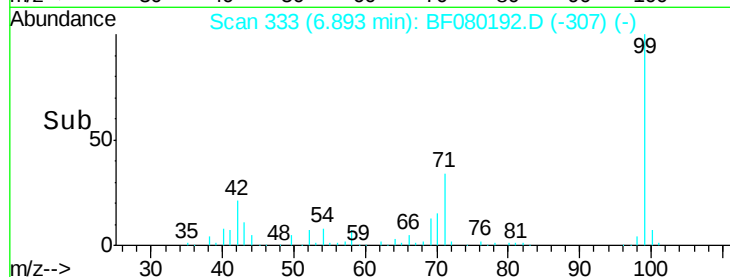
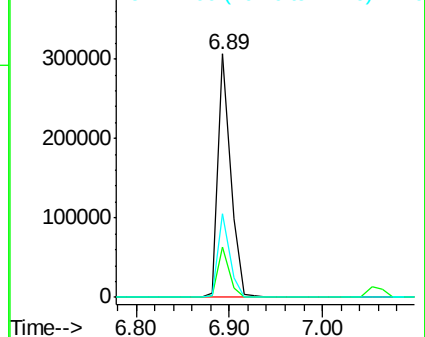
71 34.2 14.2 21.2#



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: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Tgt Ion: 136 Resp: 133436

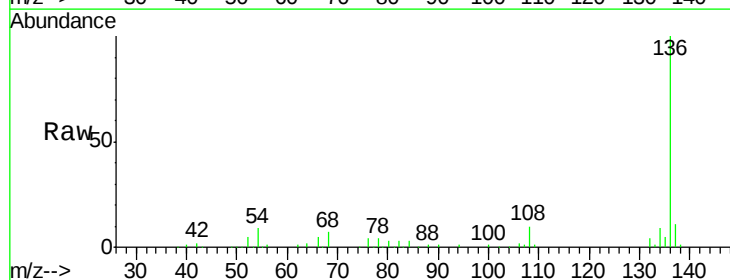
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.1 8.2 12.2

68 6.7 5.8 8.6

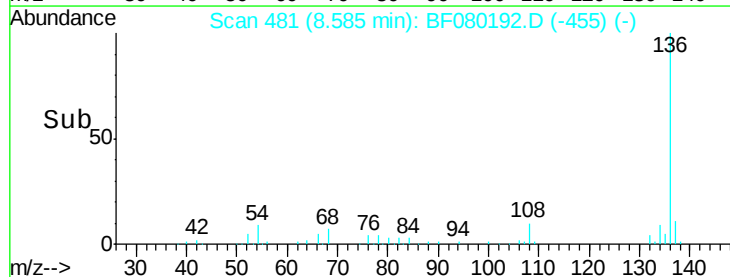
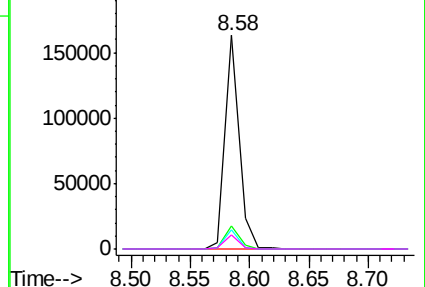


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.28 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

Instrument :

BNA_F

ClientSampled :

PB84223BL

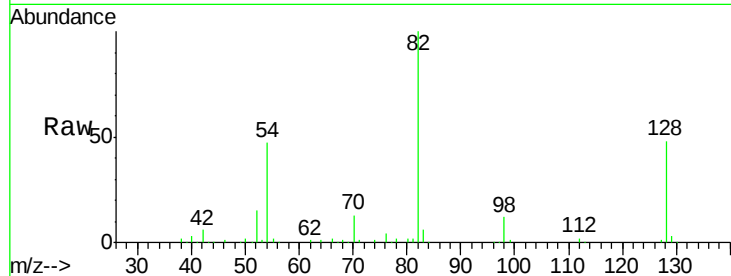
Tgt Ion: 82 Resp: 172549

Ion Ratio Lower Upper

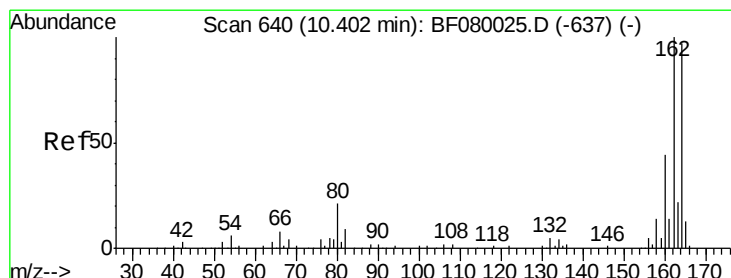
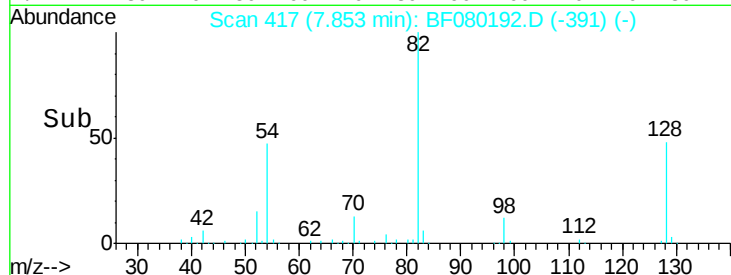
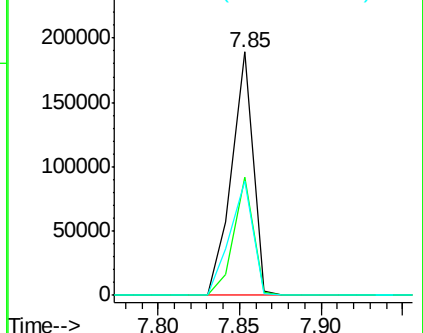
82 100

128 48.4 51.0 76.6#

54 46.9 47.5 71.3#



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: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080192.D

Acq: 26 Jun 2015 16:33

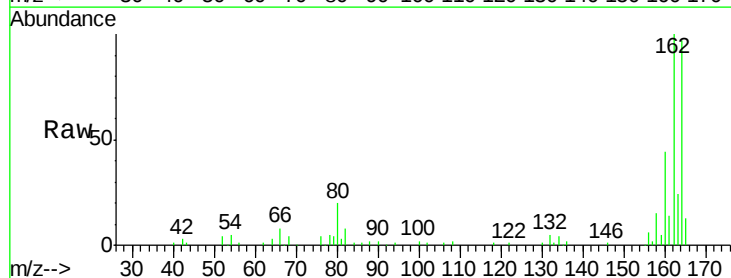
Tgt Ion:164 Resp: 67949

Ion Ratio Lower Upper

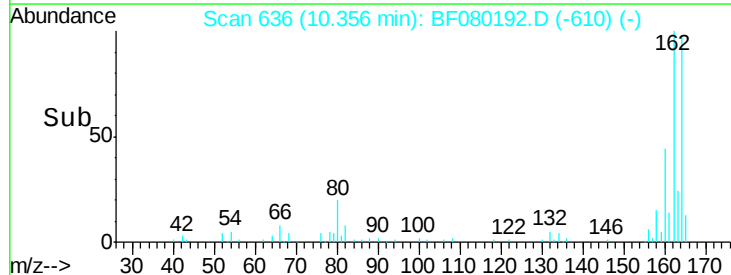
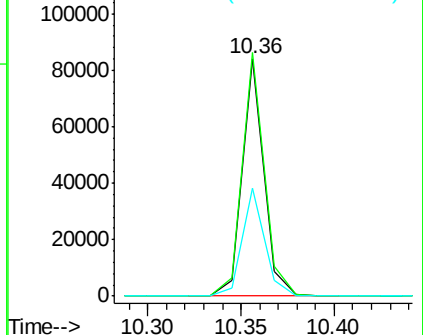
164 100

162 102.6 75.2 112.8

160 45.5 31.5 47.3



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

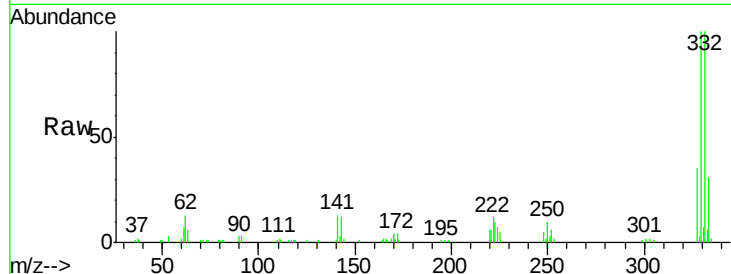




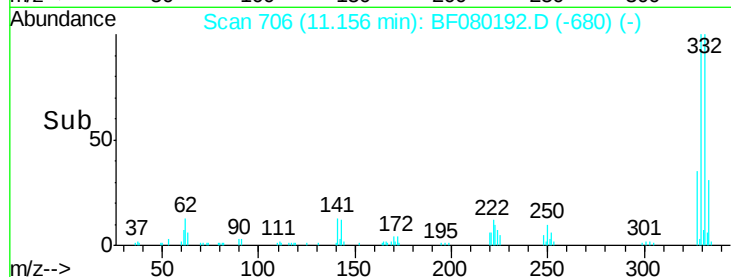
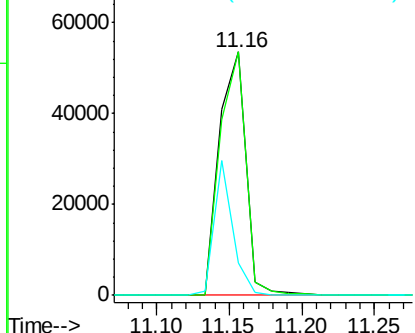
#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84223BL

Tgt Ion:330 Resp: 68162
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 38.6 29.7 44.5

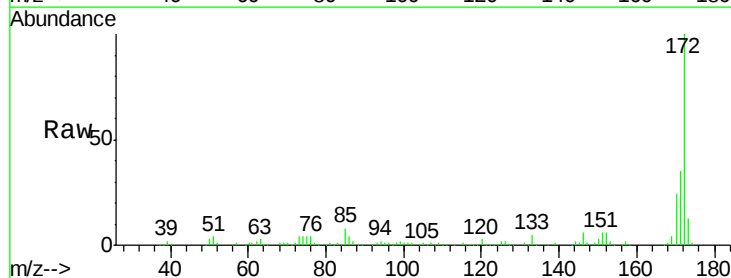


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

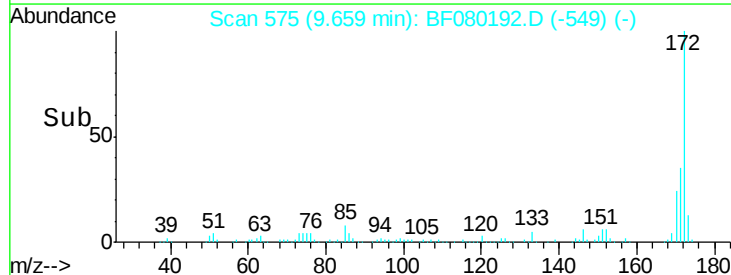
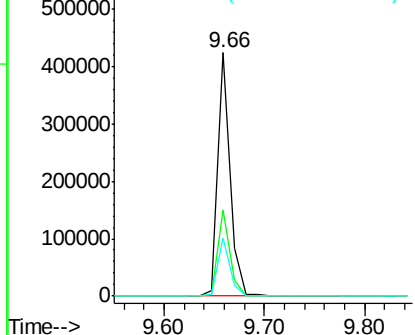


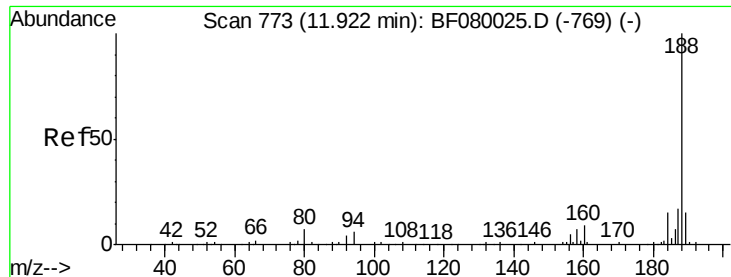
#44
 2-Fluorobiphenyl
 Concen: 75.61 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt Ion:172 Resp: 360272
 Ion Ratio Lower Upper
 172 100
 171 35.2 26.1 39.1
 170 23.9 17.4 26.2



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

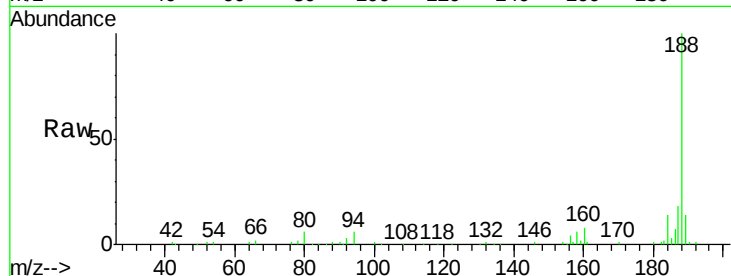




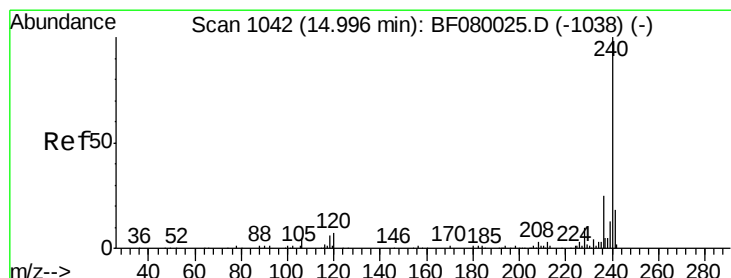
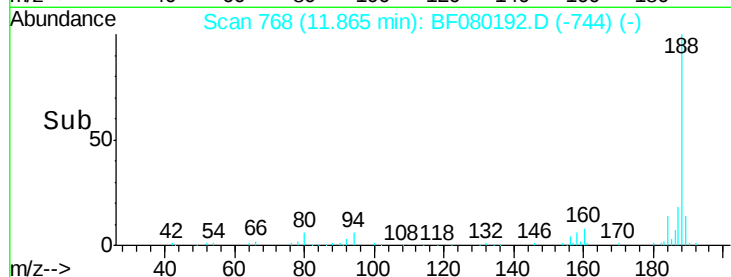
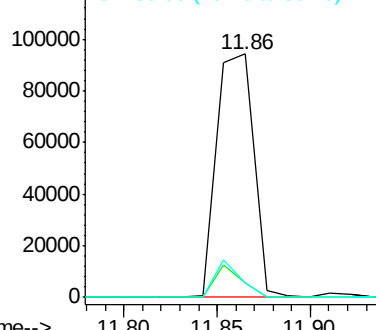
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Instrument :
BNA_F
ClientSampleId :
PB84223BL

Tgt Ion:188 Resp: 129644
Ion Ratio Lower Upper
188 100
94 6.0 11.1 16.7#
80 6.0 11.0 16.4#

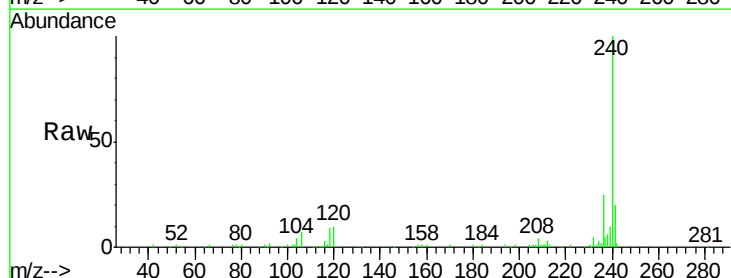


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

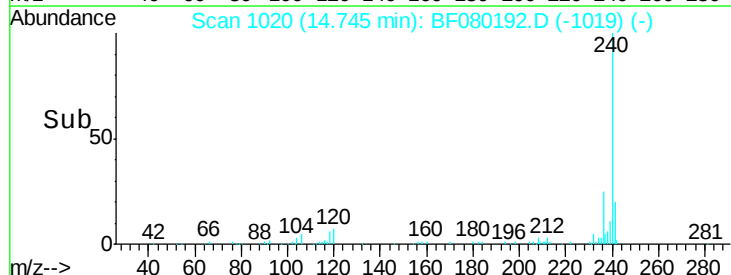
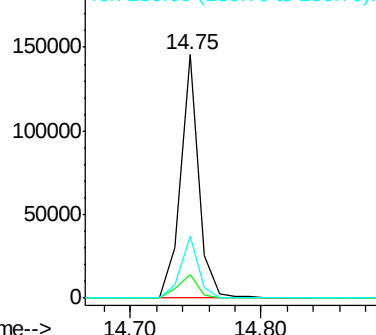


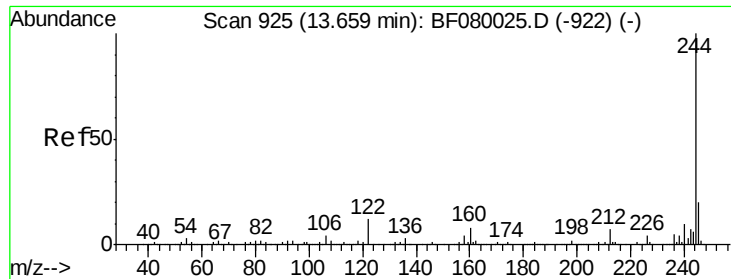
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1020
Delta R.T. -0.29 min
Lab File: BF080192.D
Acq: 26 Jun 2015 16:33

Tgt Ion:240 Resp: 140816
Ion Ratio Lower Upper
240 100
120 9.8 16.2 24.2#
236 25.4 18.4 27.6



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

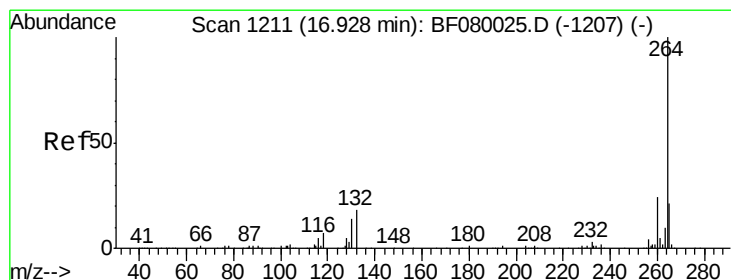
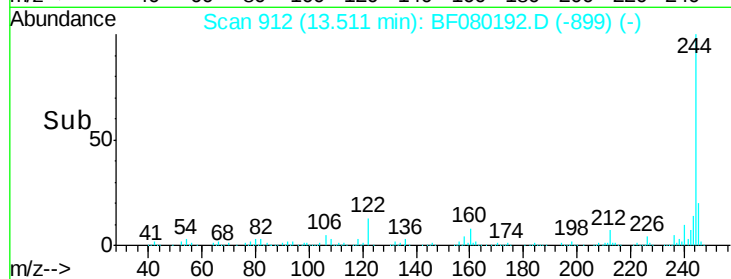
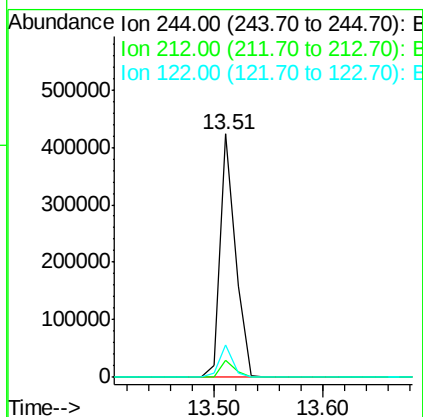
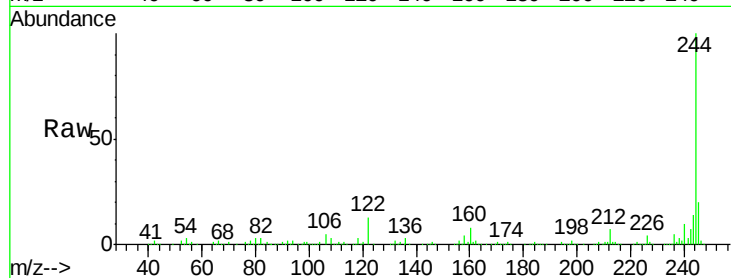




#78
 Terphenyl-d14
 Concen: 69.14 ng
 RT: 13.51 min Scan# 912
 Delta R.T. -0.15 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84223BL

Tgt Ion:244 Resp: 416901
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.3 6.5#
 122 13.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.46 min
 Lab File: BF080192.D
 Acq: 26 Jun 2015 16:33

Tgt Ion:264 Resp: 134866
 Ion Ratio Lower Upper
 264 100
 260 23.0 16.7 25.1
 265 21.0 17.2 25.8

