

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080234.D
 Acq On : 30 Jun 2015 14:13
 Operator : TP/IZ
 Sample : PB84280BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BL

Quant Time: Jul 01 01:40:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	32249	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	126795	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	65153	20.00	ng	-0.05
63) Phenanthrene-d10	11.88	188	134707	20.00	ng	-0.03
75) Chrysene-d12	15.01	240	144755	20.00	ng	0.01
86) Perylene-d12	16.99	264	141243	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	213467	117.17	ng	-0.03
7) Phenol-d6	6.89	99	284144	117.21	ng	-0.03
23) Nitrobenzene-d5	7.84	82	162029	74.39	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	70136	110.09	ng	-0.03
44) 2-Fluorobiphenyl	9.66	172	309400	67.72	ng	-0.03
78) Terphenyl-d14	13.65	244	417976	67.44	ng	-0.02

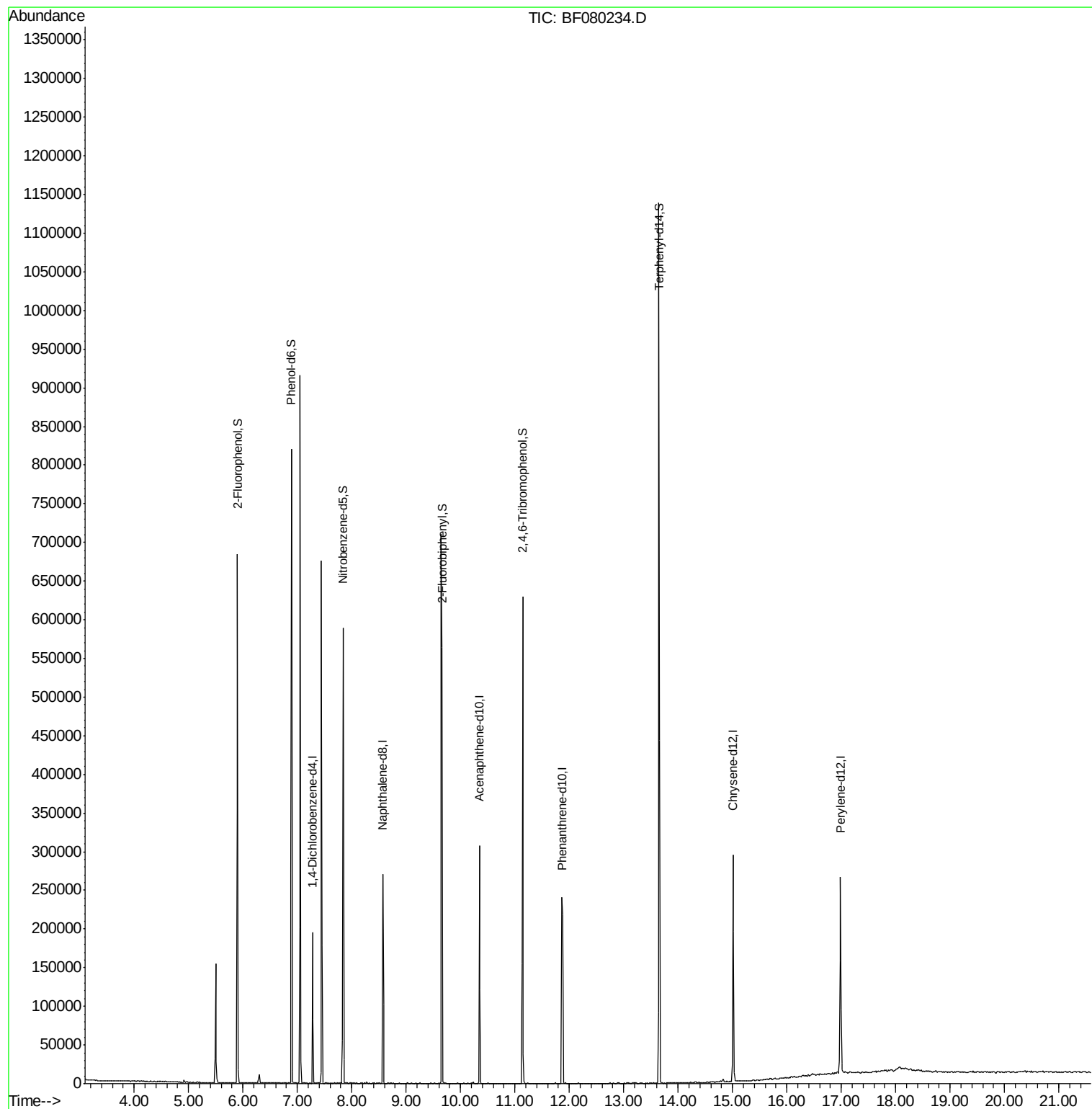
Target Compounds	Qvalue
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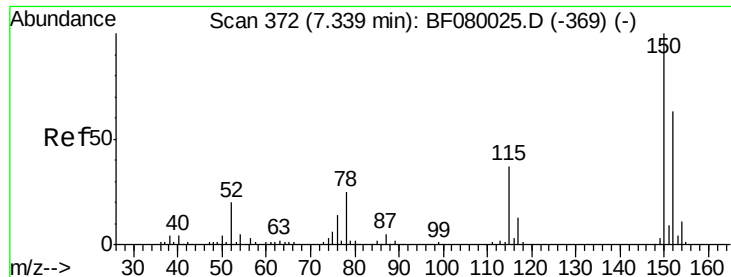
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080234.D

Acq: 30 Jun 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB84280BL

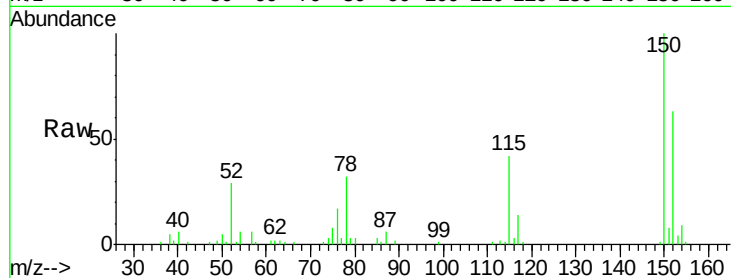
Tgt Ion:152 Resp: 32249

Ion Ratio Lower Upper

152 100

150 159.7 124.7 187.1

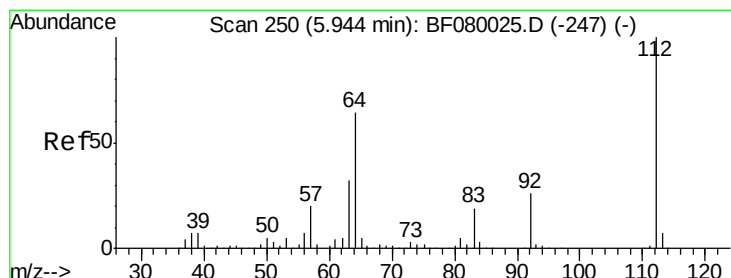
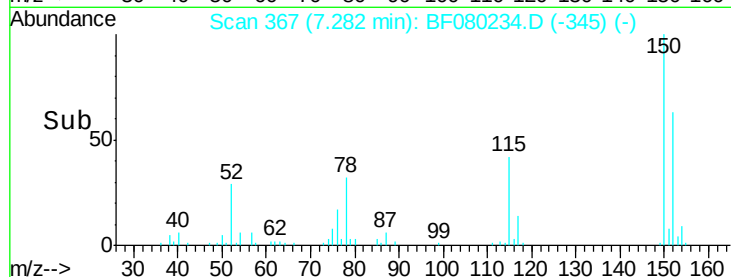
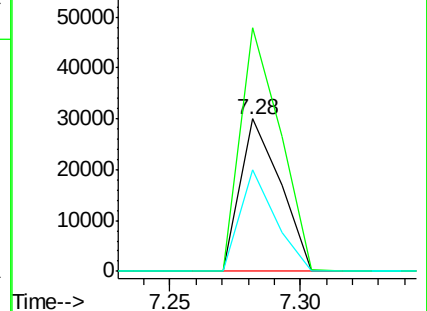
115 66.6 39.0 58.4#



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: 117.17 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080234.D

Acq: 30 Jun 2015 14:13

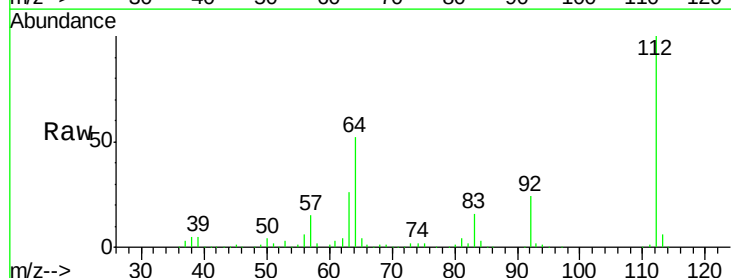
Tgt Ion:112 Resp: 213467

Ion Ratio Lower Upper

112 100

64 52.2 39.7 59.5

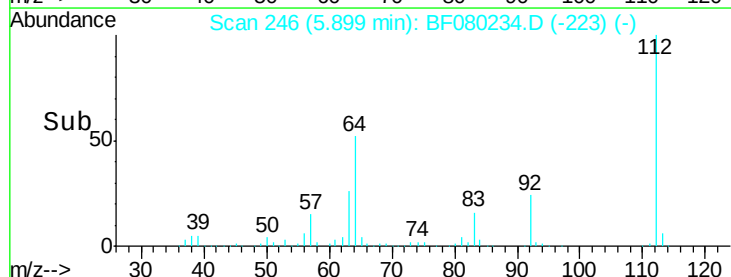
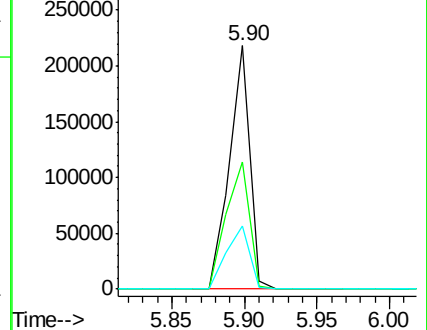
63 26.2 17.4 26.0#

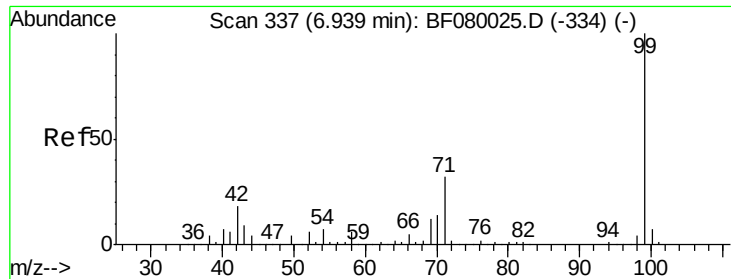


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.21 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080234.D

Acq: 30 Jun 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB84280BL

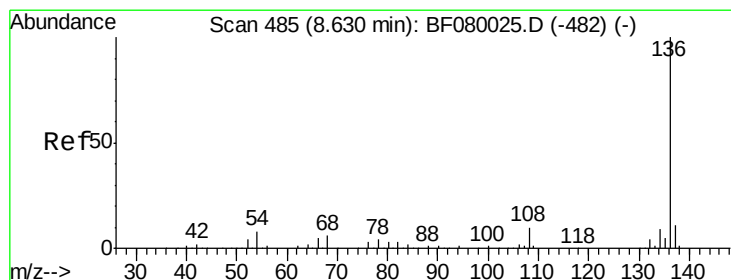
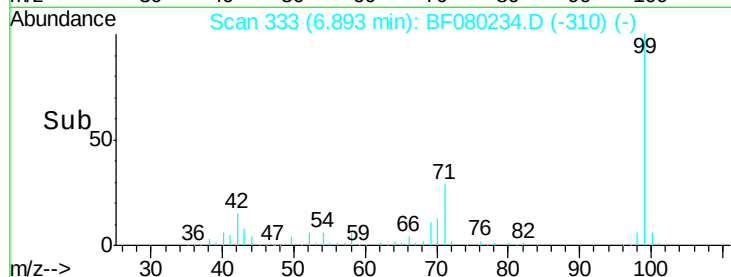
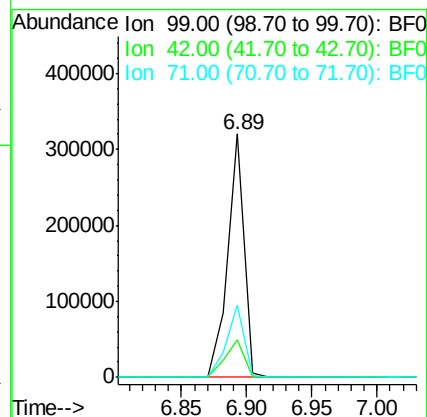
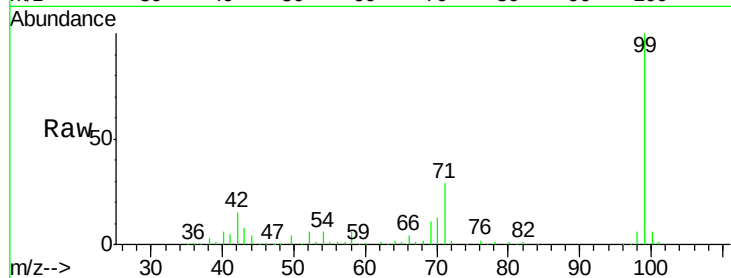
Tgt Ion: 99 Resp: 284144

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

71 29.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080234.D

Acq: 30 Jun 2015 14:13

Tgt Ion: 136 Resp: 126795

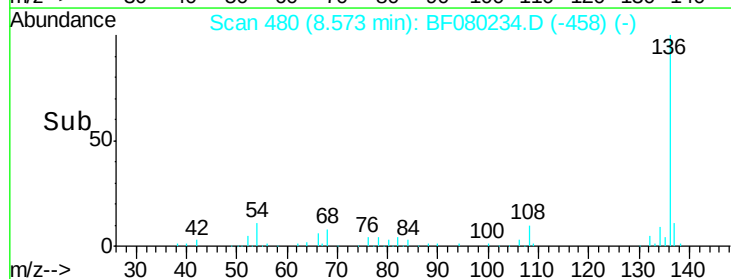
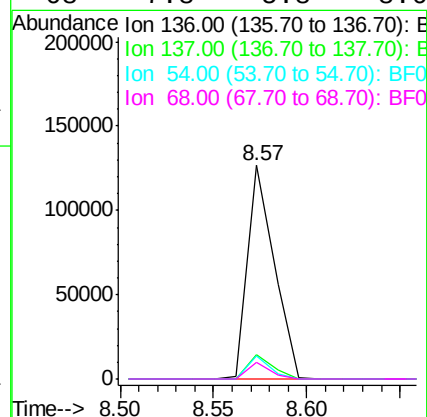
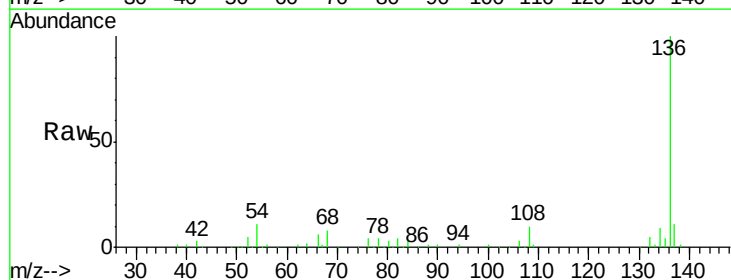
Ion Ratio Lower Upper

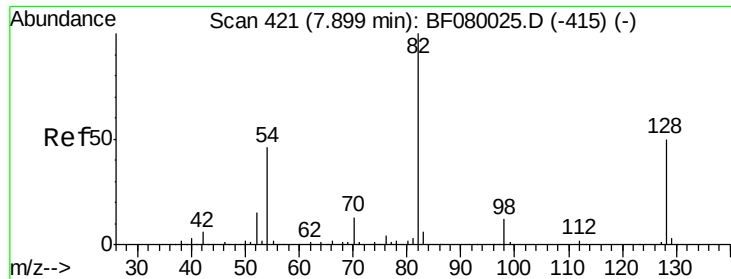
136 100

137 11.4 9.0 13.6

54 10.9 8.2 12.2

68 7.8 5.8 8.6

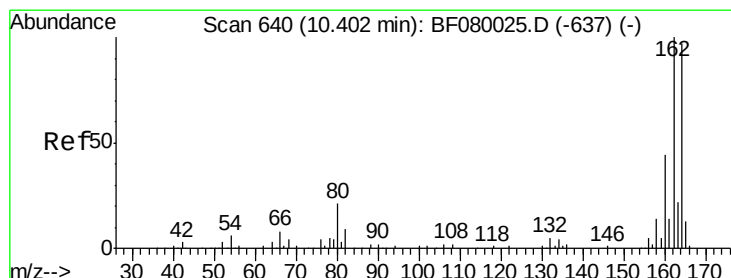
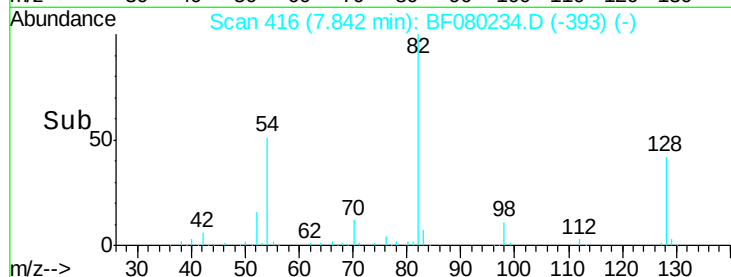
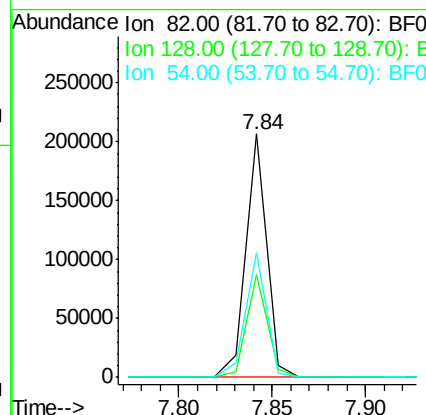
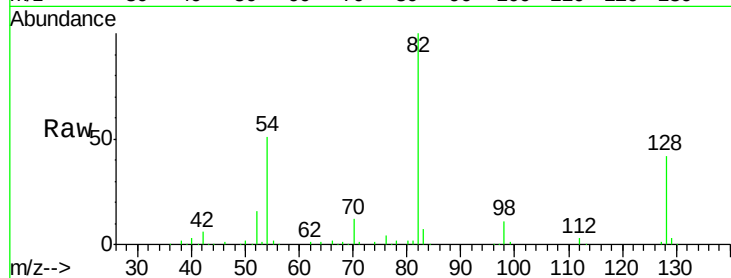




#23
 Nitrobenzene-d5
 Concen: 74.39 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

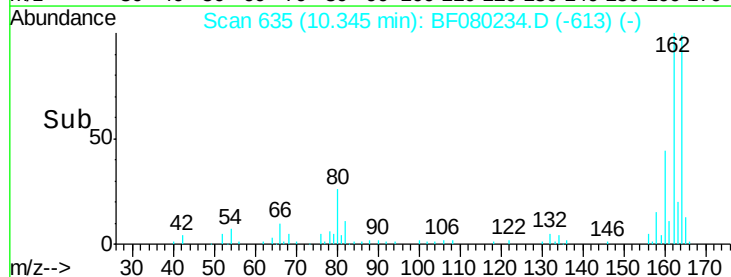
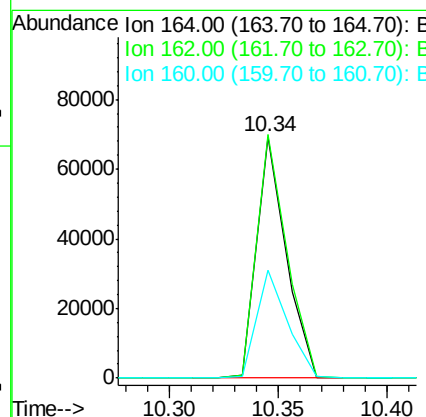
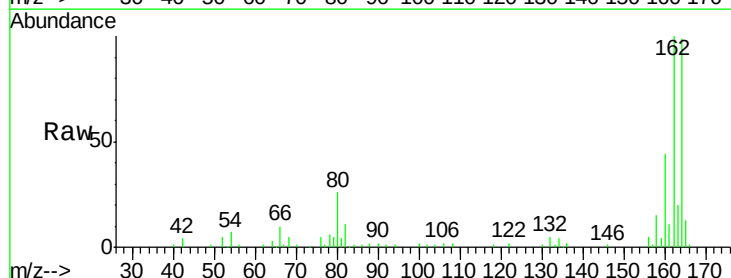
Instrument :
 BNA_F
 ClientSampleId :
 PB84280BL

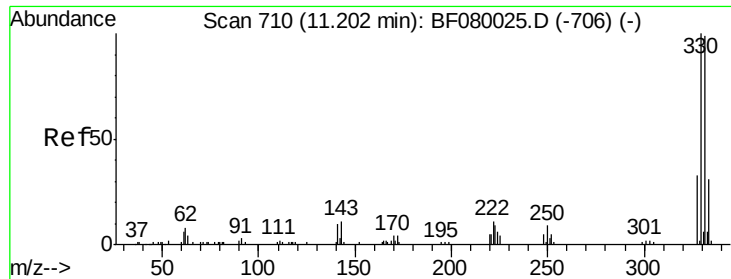
Tgt Ion: 82 Resp: 162029
 Ion Ratio Lower Upper
 82 100
 128 42.2 51.0 76.6#
 54 51.4 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

Tgt Ion: 164 Resp: 65153
 Ion Ratio Lower Upper
 164 100
 162 100.8 75.2 112.8
 160 44.7 31.5 47.3

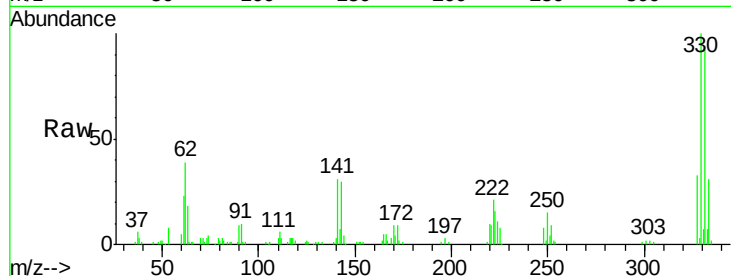




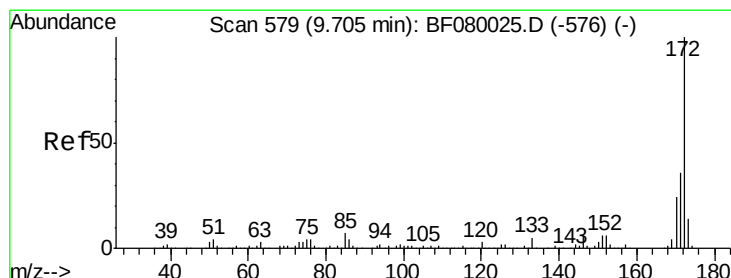
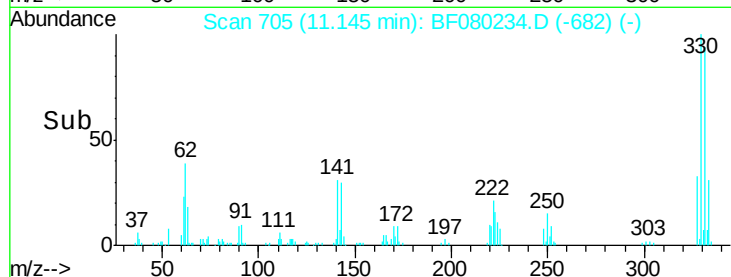
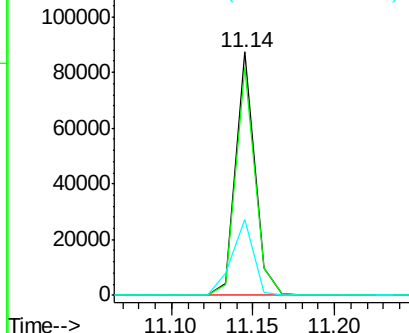
#41
 2,4,6-Tribromophenol
 Concen: 110.09 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BL

Tgt Ion:330 Resp: 70136
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 114.8
 141 35.3 29.7 44.5

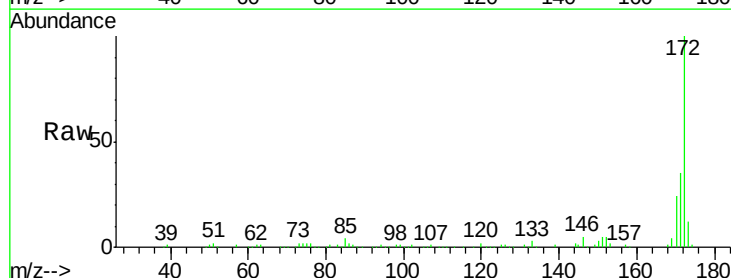


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

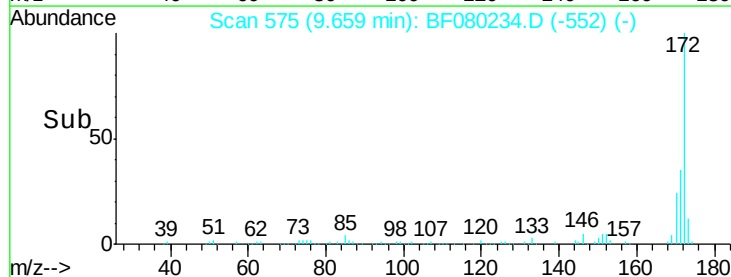
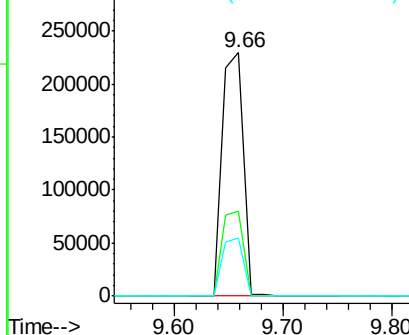


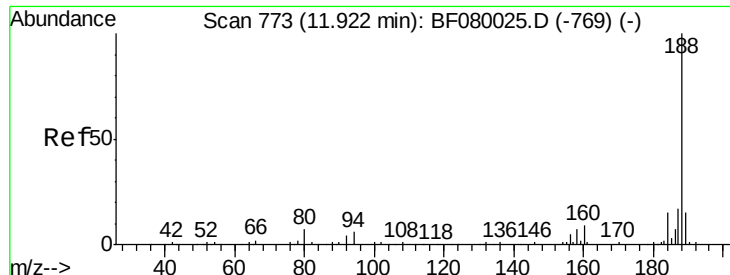
#44
 2-Fluorobiphenyl
 Concen: 67.72 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

Tgt Ion:172 Resp: 309400
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

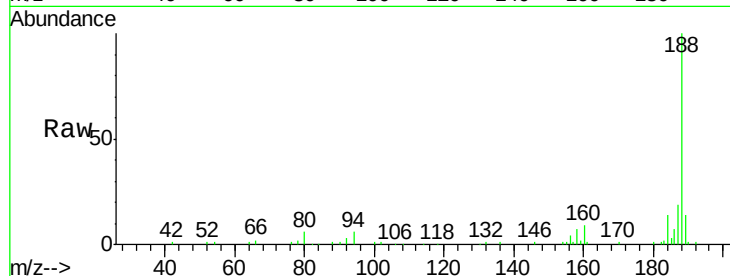




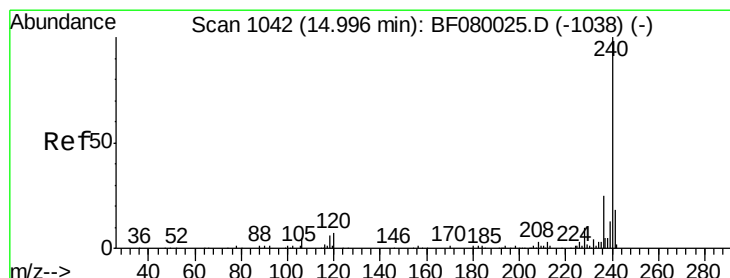
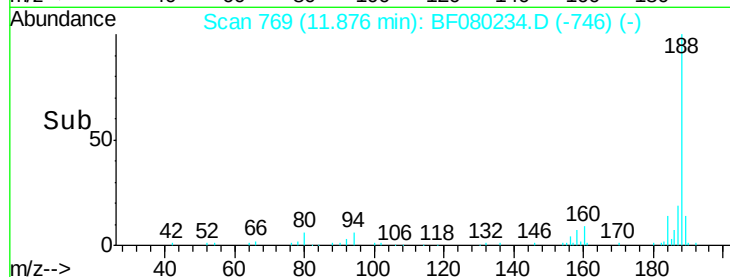
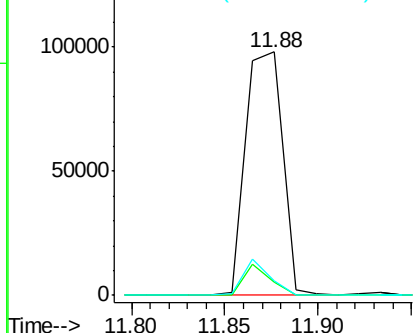
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF080234.D
Acq: 30 Jun 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB84280BL

Tgt Ion:188 Resp: 134707
Ion Ratio Lower Upper
188 100
94 5.6 11.1 16.7#
80 5.9 11.0 16.4#

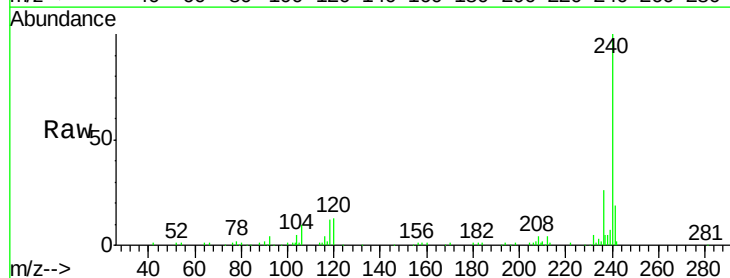


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

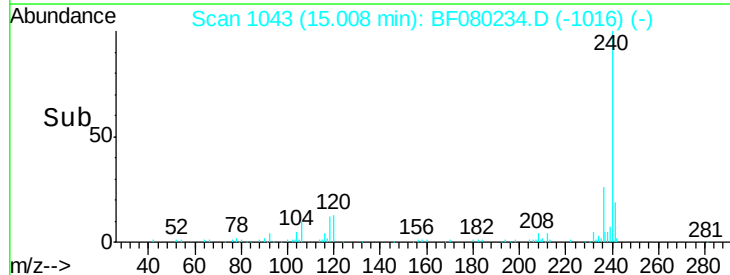
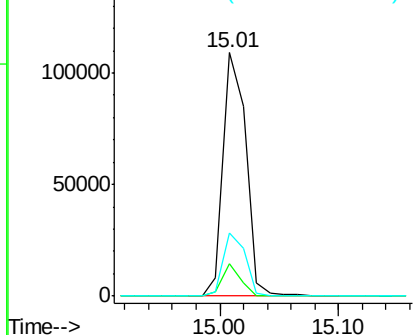


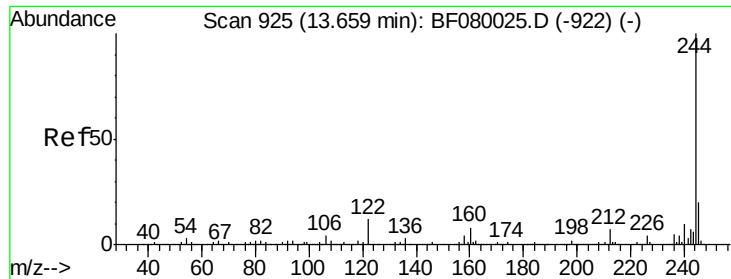
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF080234.D
Acq: 30 Jun 2015 14:13

Tgt Ion:240 Resp: 144755
Ion Ratio Lower Upper
240 100
120 13.4 16.2 24.2#
236 26.1 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

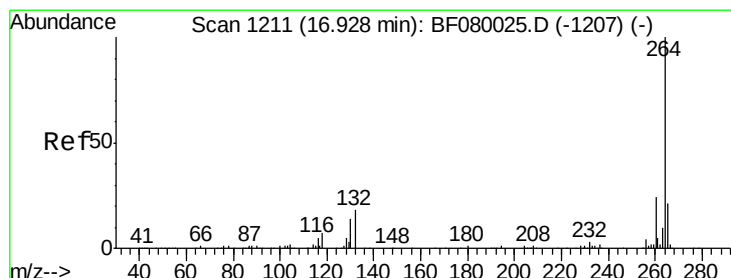
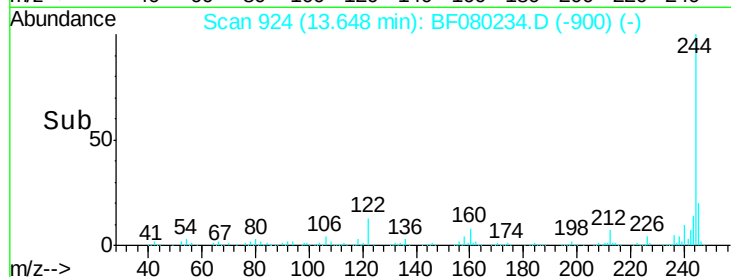
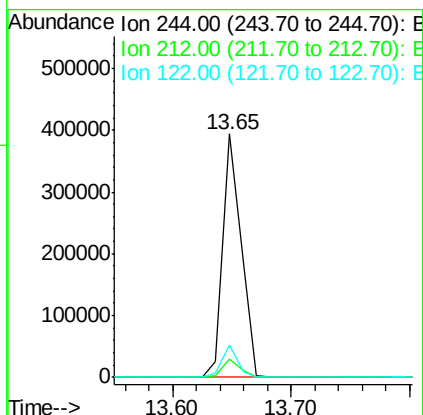
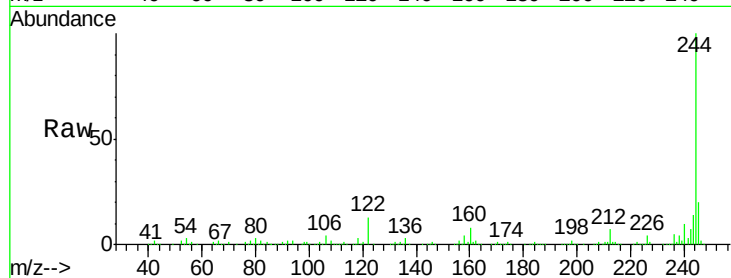




#78
 Terphenyl-d14
 Concen: 67.44 ng
 RT: 13.65 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84280BL

Tgt Ion:244 Resp: 417976
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 13.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.99 min Scan# 1216
 Delta R.T. 0.06 min
 Lab File: BF080234.D
 Acq: 30 Jun 2015 14:13

Tgt Ion:264 Resp: 141243
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.0 17.2 25.8

