

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080164.D
 Acq On : 25 Jun 2015 14:20
 Operator : TP/IZ
 Sample : PB84184TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84184TB

Quant Time: Jun 26 01:39:41 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 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31270	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	131879	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	67970	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	136042	20.00	ng	0.00
75) Chrysene-d12	14.83	240	145018	20.00	ng	0.00
86) Perylene-d12	16.69	264	142371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	228808	129.53	ng	0.00
7) Phenol-d6	6.89	99	277281	117.96	ng	-0.01
23) Nitrobenzene-d5	7.85	82	180144	79.52	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	74084	111.46	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	341932	71.74	ng	-0.01
78) Terphenyl-d14	13.56	244	460249	74.12	ng	0.01

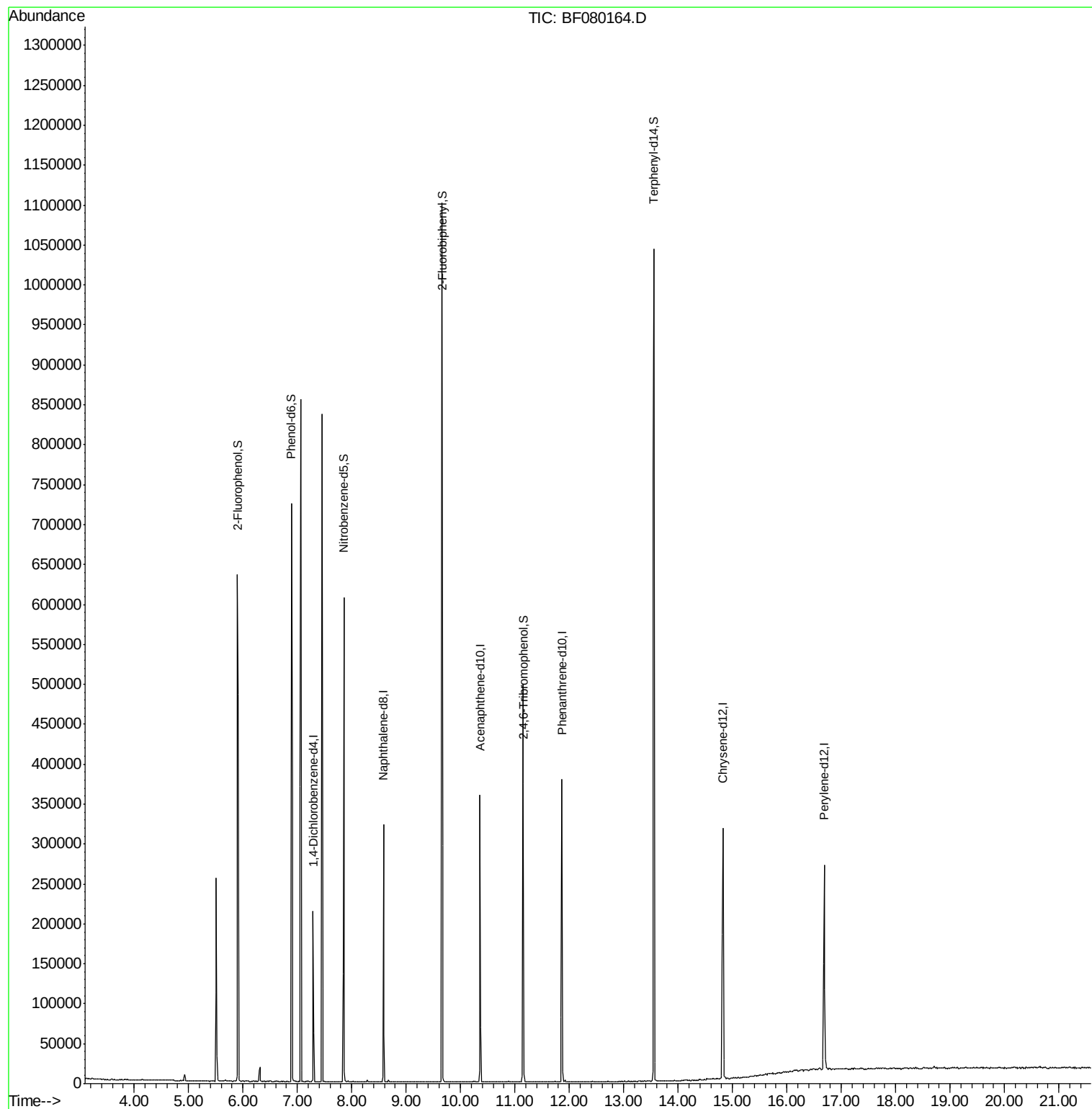
Target Compounds	Qvalue
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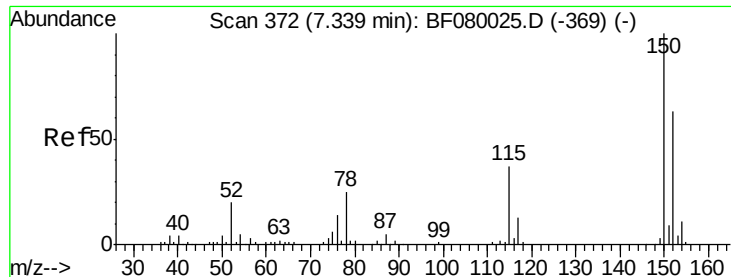
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080164.D

Acq: 25 Jun 2015 14:20

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BNA_F

ClientSampleId :

PB84184TB

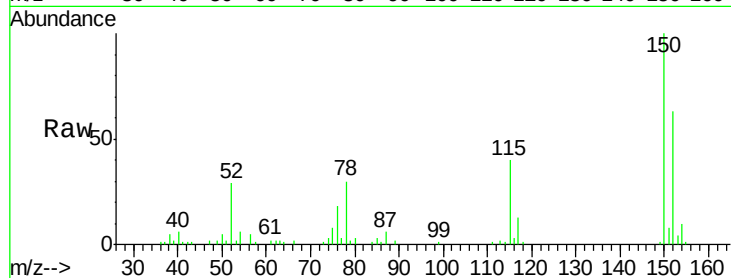
Tgt Ion:152 Resp: 31270

Ion Ratio Lower Upper

152 100

150 159.8 124.7 187.1

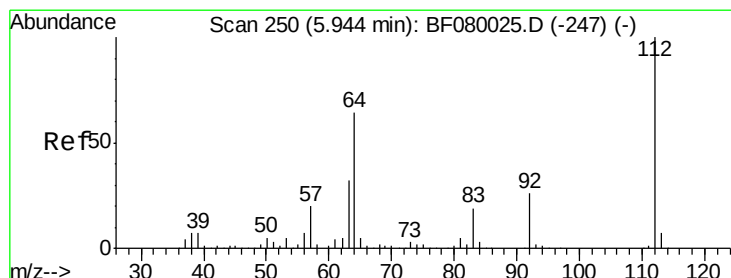
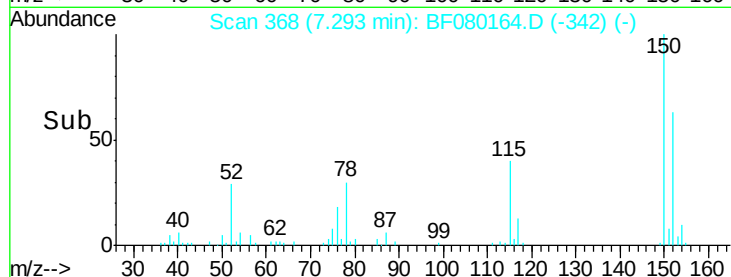
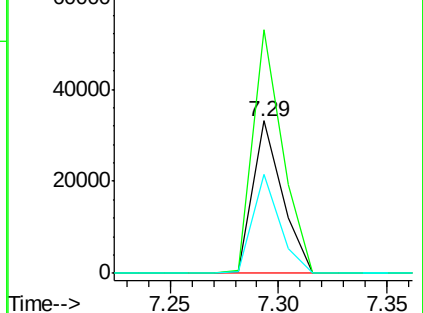
115 64.6 39.0 58.4#



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: 129.53 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

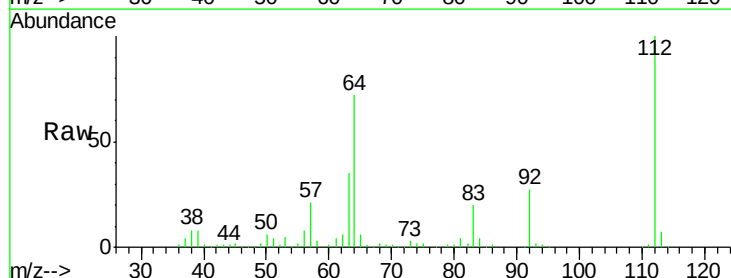
Tgt Ion:112 Resp: 228808

Ion Ratio Lower Upper

112 100

64 72.0 39.7 59.5#

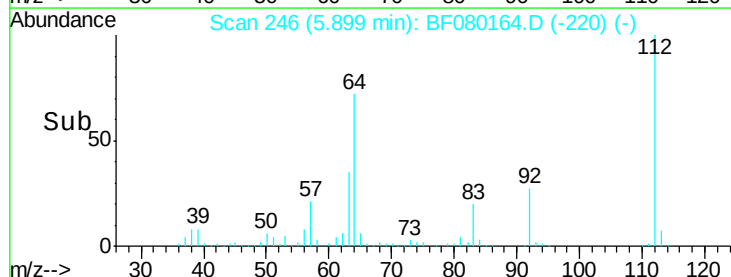
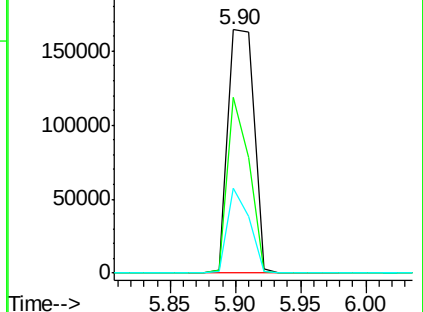
63 34.9 17.4 26.0#

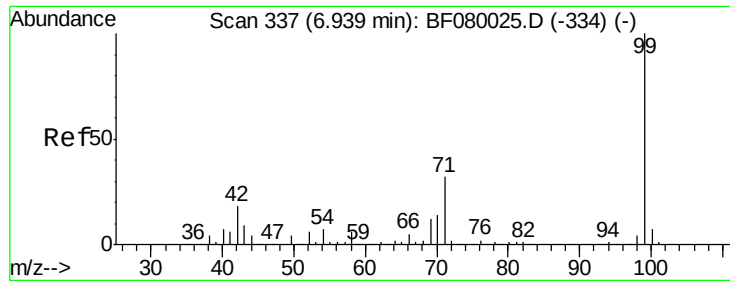


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.96 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Instrument :

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ClientSampleId :

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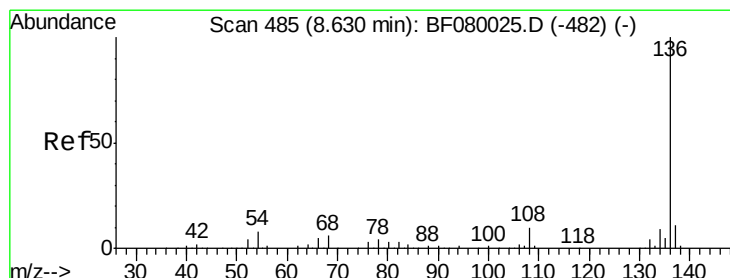
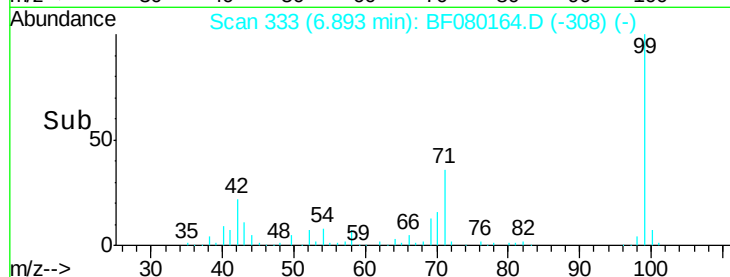
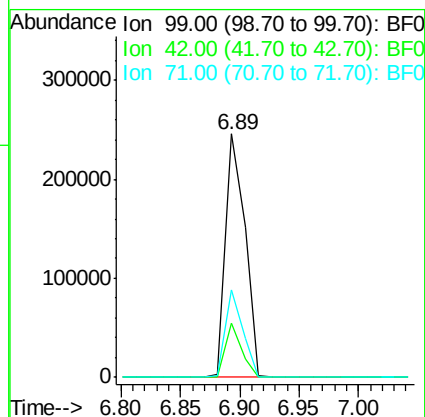
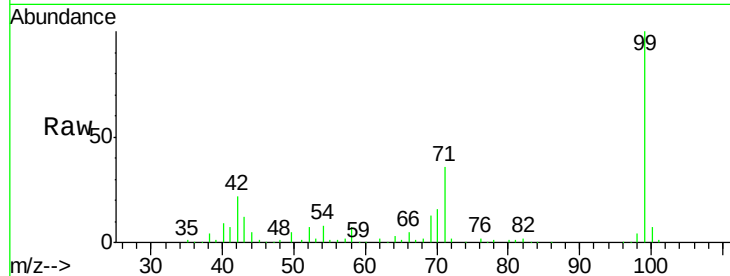
Tgt Ion: 99 Resp: 277281

Ion Ratio Lower Upper

99 100

42 22.1 13.7 20.5#

71 35.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080164.D

Acq: 25 Jun 2015 14:20

Tgt Ion: 136 Resp: 131879

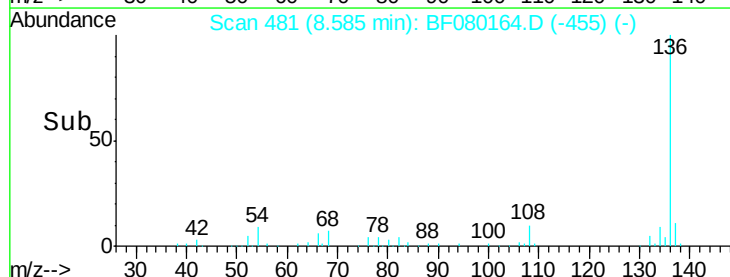
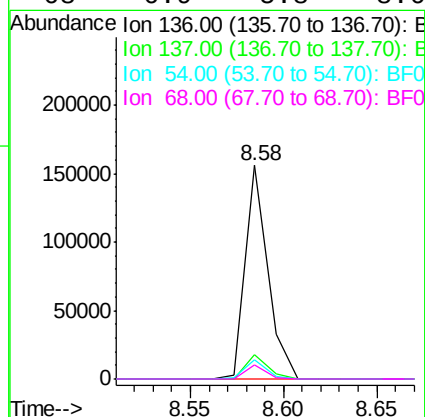
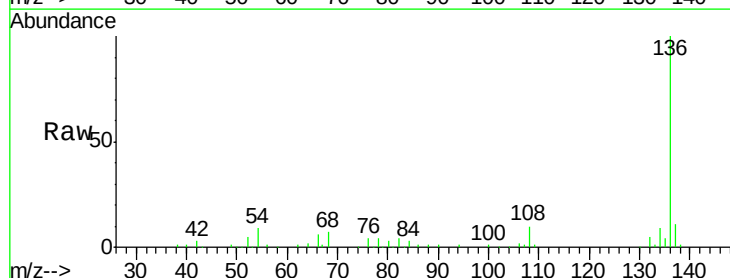
Ion Ratio Lower Upper

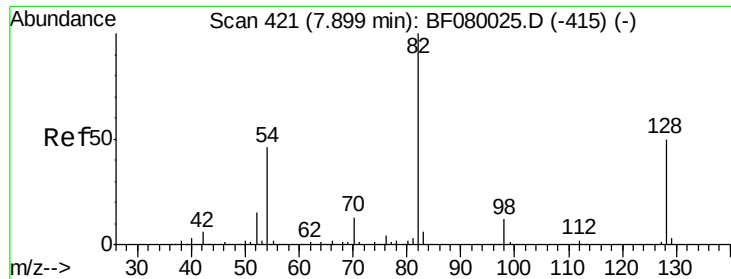
136 100

137 11.2 9.0 13.6

54 9.2 8.2 12.2

68 6.9 5.8 8.6

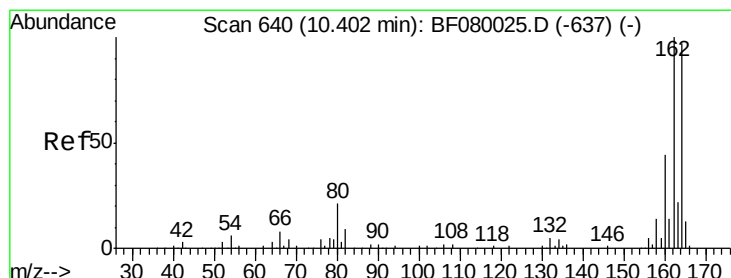
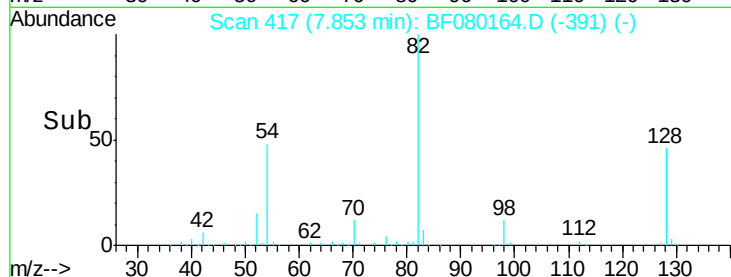
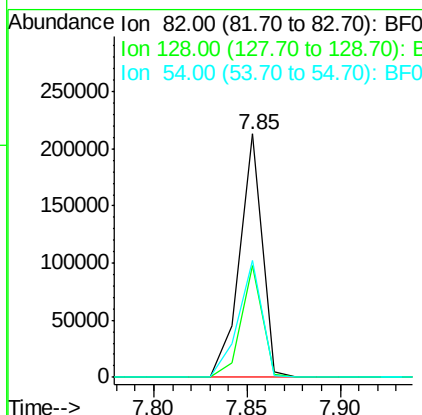
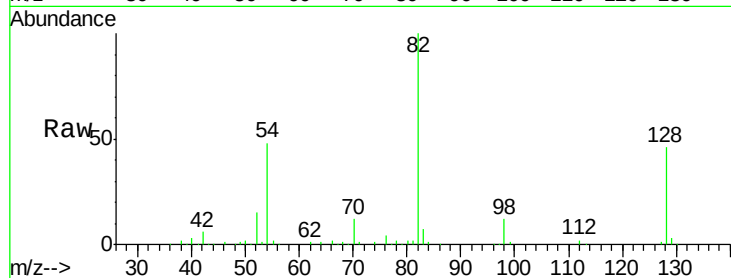




#23
 Nitrobenzene-d5
 Concen: 79.52 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

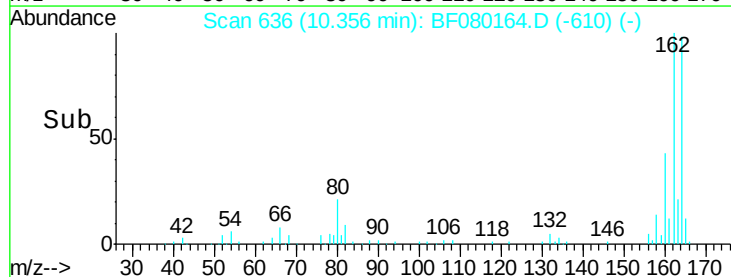
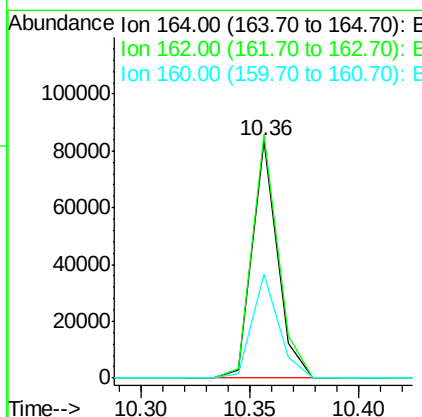
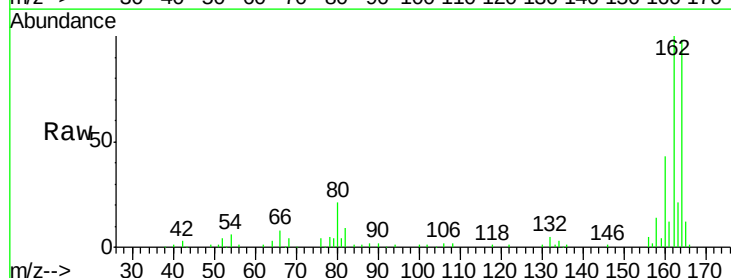
Instrument :
 BNA_F
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 PB84184TB

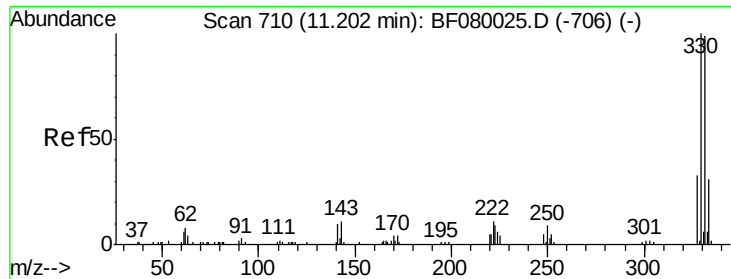
Tgt Ion: 82 Resp: 180144
 Ion Ratio Lower Upper
 82 100
 128 46.0 51.0 76.6#
 54 48.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Tgt Ion: 164 Resp: 67970
 Ion Ratio Lower Upper
 164 100
 162 102.5 75.2 112.8
 160 43.7 31.5 47.3

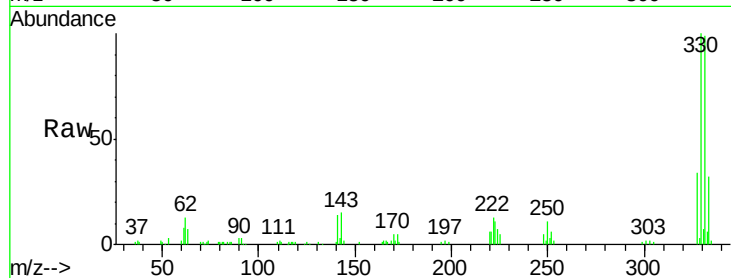




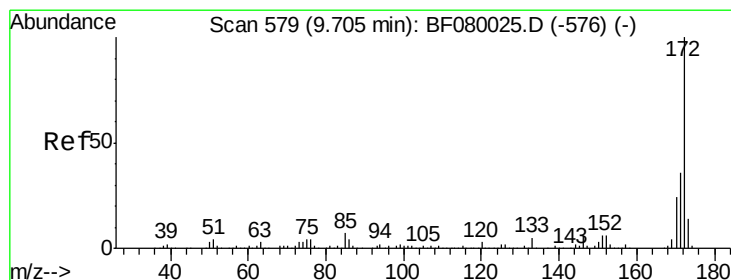
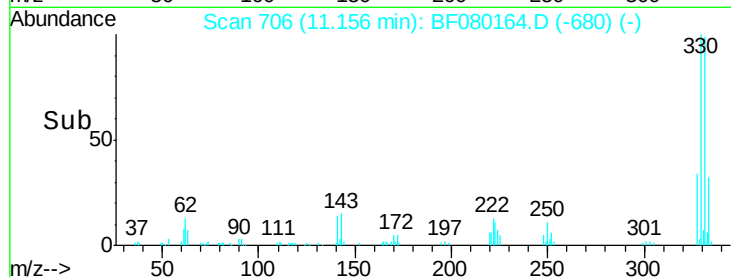
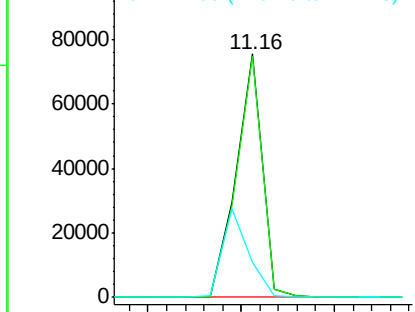
#41
 2,4,6-Tribromophenol
 Concen: 111.46 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84184TB

Tgt Ion:330 Resp: 74084
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 36.4 29.7 44.5

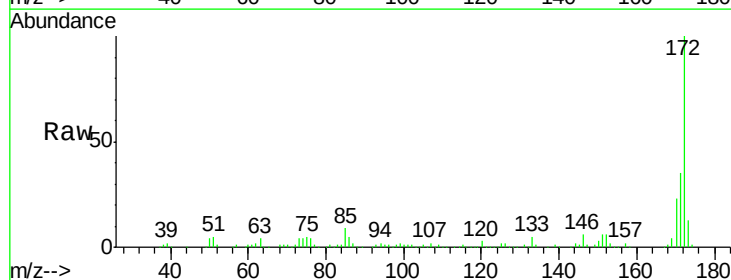


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

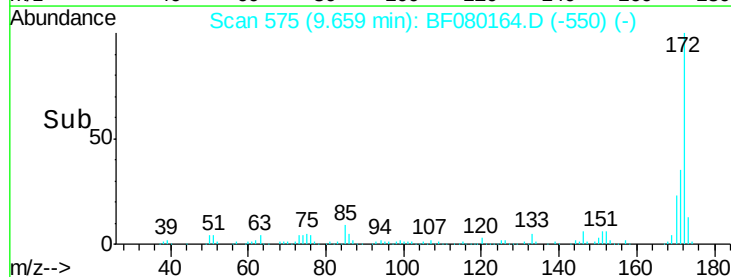
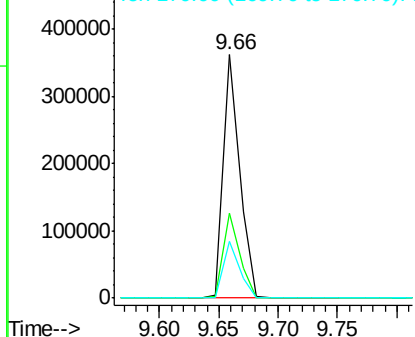


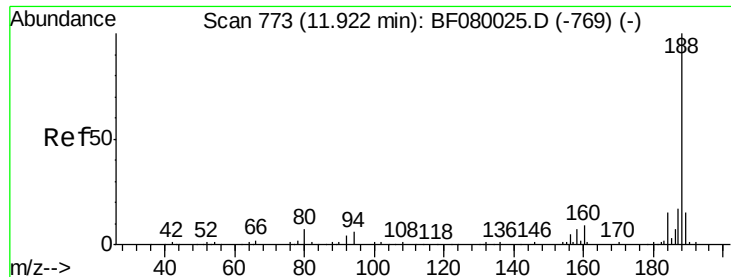
#44
 2-Fluorobiphenyl
 Concen: 71.74 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Tgt Ion:172 Resp: 341932
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.2 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

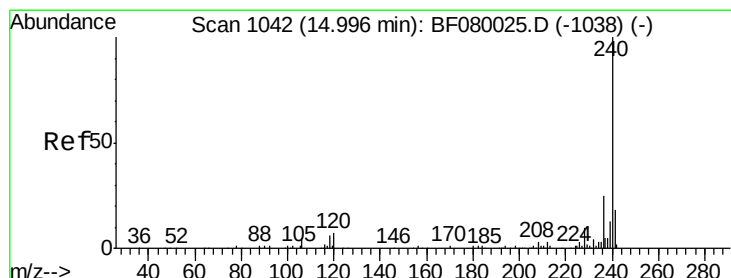
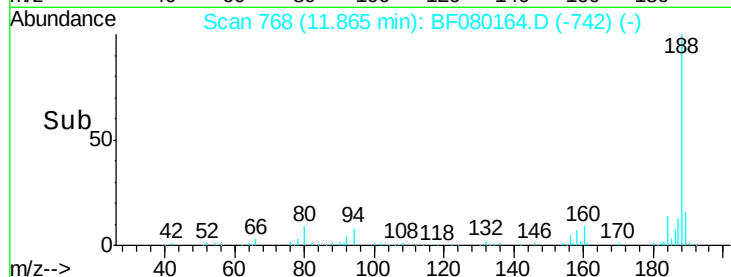
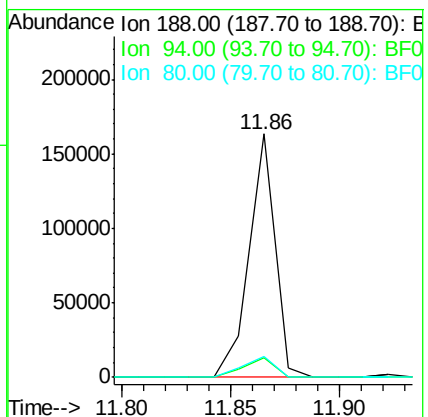
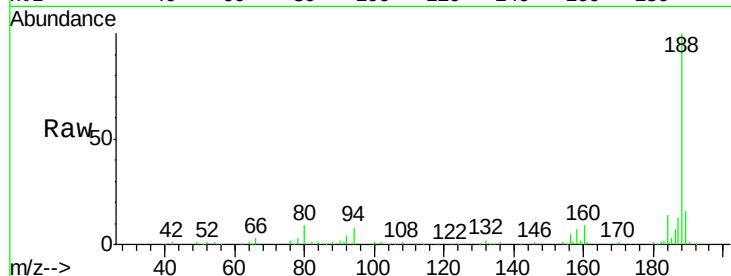




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080164.D
Acq: 25 Jun 2015 14:20

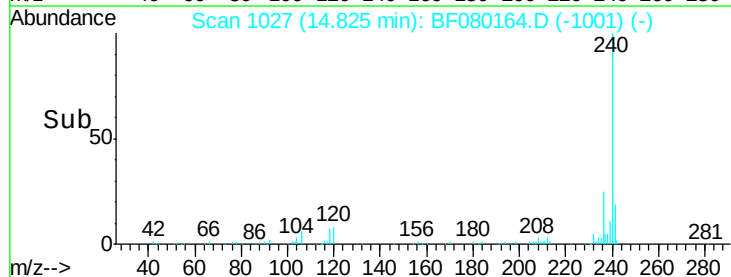
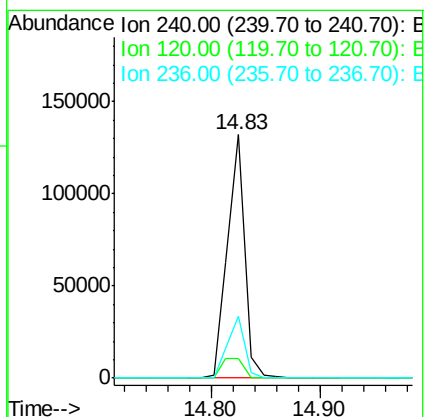
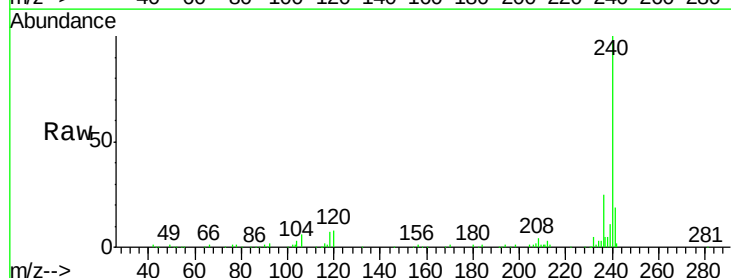
Instrument :
BNA_F
ClientSampleId :
PB84184TB

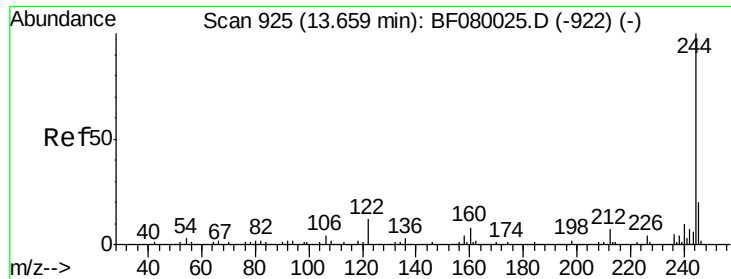
Tgt Ion:188 Resp: 136042
Ion Ratio Lower Upper
188 100
94 8.1 11.1 16.7#
80 8.6 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF080164.D
Acq: 25 Jun 2015 14:20

Tgt Ion:240 Resp: 145018
Ion Ratio Lower Upper
240 100
120 8.0 16.2 24.2#
236 25.4 18.4 27.6

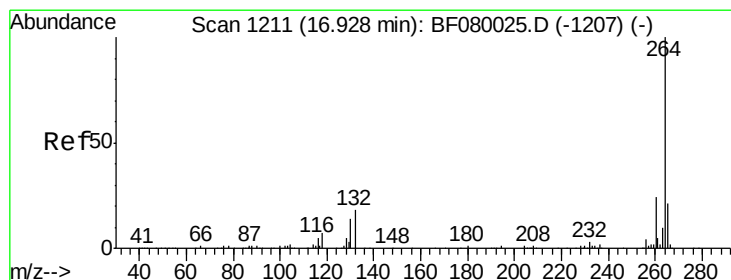
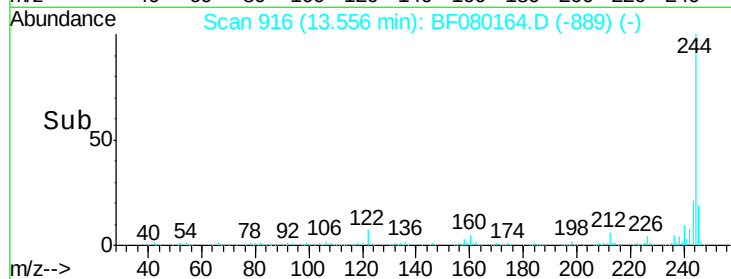
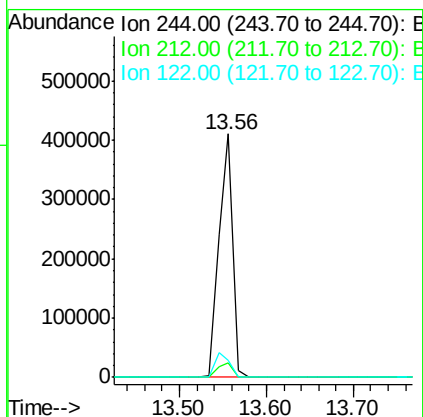
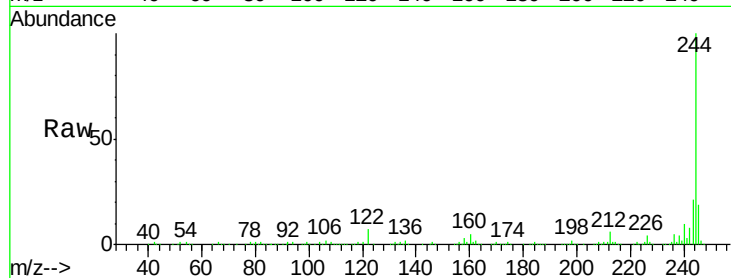




#78
 Terphenyl-d14
 Concen: 74.12 ng
 RT: 13.56 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Instrument :
 BNA_F
 ClientSampleID :
 PB84184TB

Tgt Ion:244 Resp: 460249
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.3 6.5
 122 7.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF080164.D
 Acq: 25 Jun 2015 14:20

Tgt Ion:264 Resp: 142371
 Ion Ratio Lower Upper
 264 100
 260 22.9 16.7 25.1
 265 20.6 17.2 25.8

