

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080242.D
 Acq On : 30 Jun 2015 18:03
 Operator : TP/IZ
 Sample : PB84281TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Quant Time: Jul 01 03:07:36 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	34724	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	138165	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	71265	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	143807	20.00	ng	-0.06
75) Chrysene-d12	14.77	240	144816	20.00	ng	-0.23
86) Perylene-d12	16.62	264	137256	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	244513	124.65	ng	-0.03
7) Phenol-d6	6.89	99	325791	124.81	ng	-0.03
23) Nitrobenzene-d5	7.84	82	189844	79.99	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	79227	113.69	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	380841	76.21	ng	-0.05
78) Terphenyl-d14	13.52	244	481922	77.72	ng	-0.15

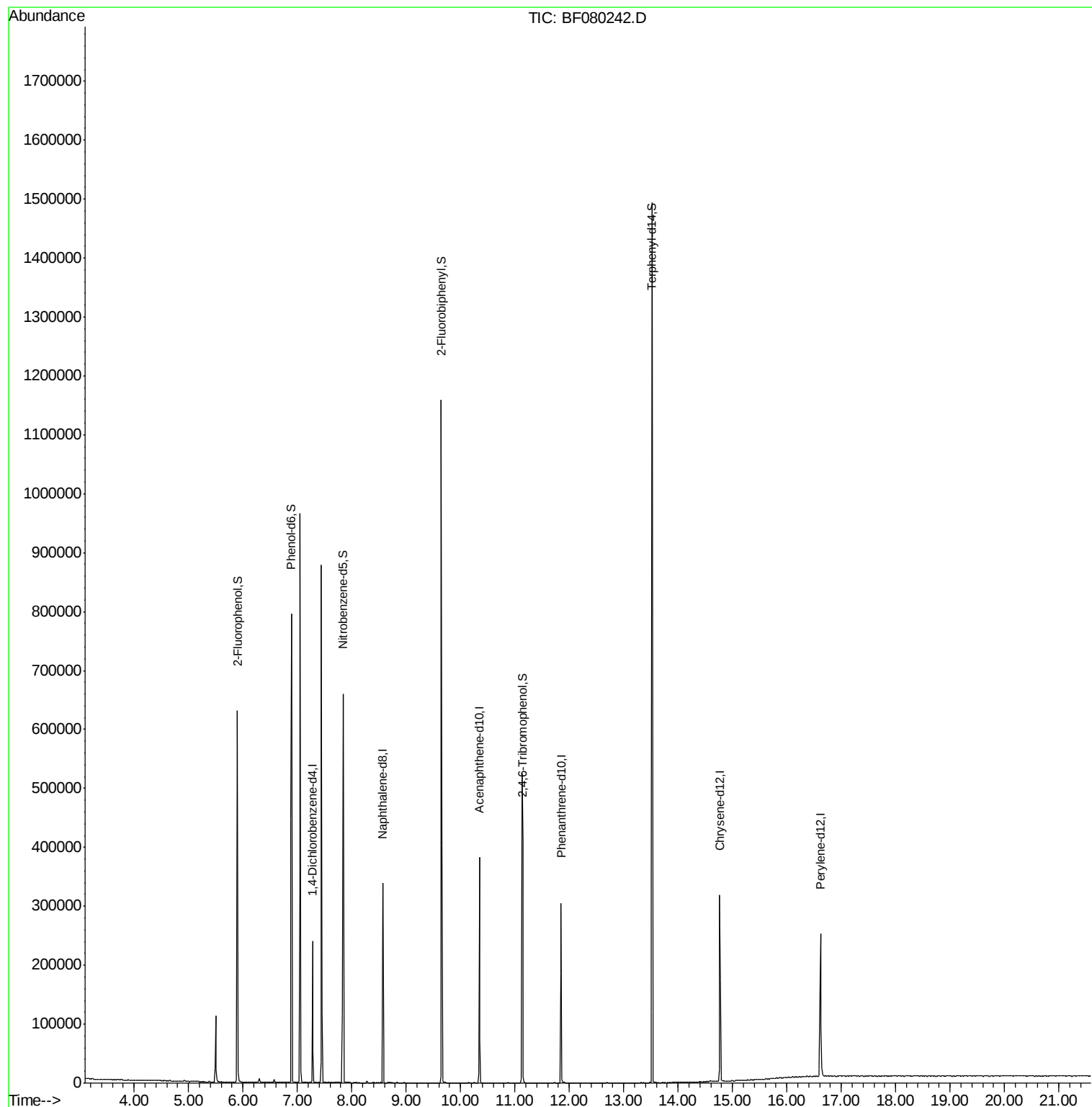
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Instrument :

BNA_F

ClientSampleId :

PB84281TB

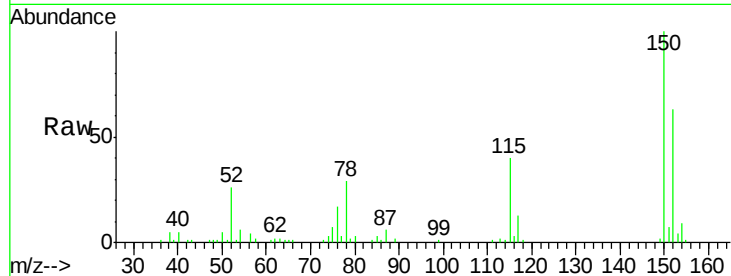
Tgt Ion:152 Resp: 34724

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

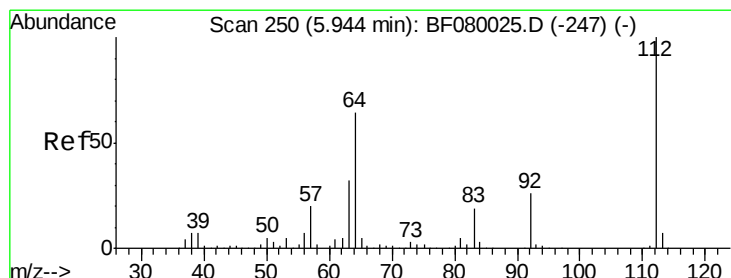
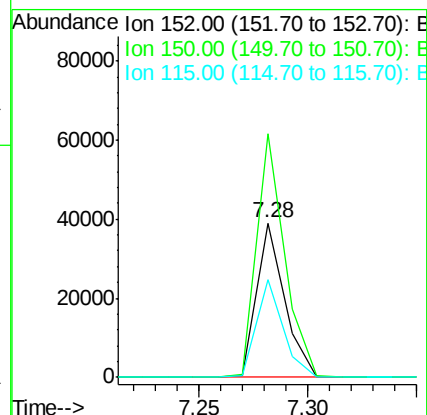
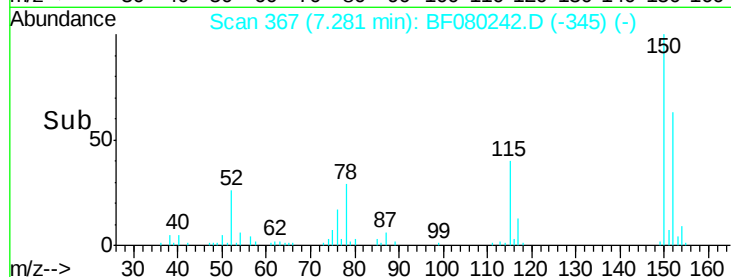
115 63.5 39.0 58.4#



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: 124.65 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

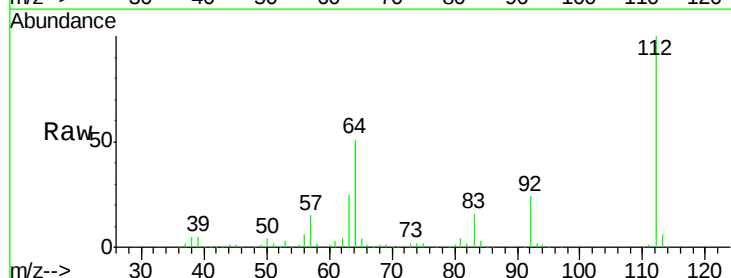
Tgt Ion:112 Resp: 244513

Ion Ratio Lower Upper

112 100

64 51.4 39.7 59.5

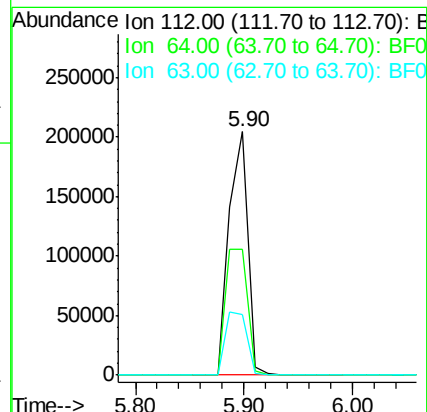
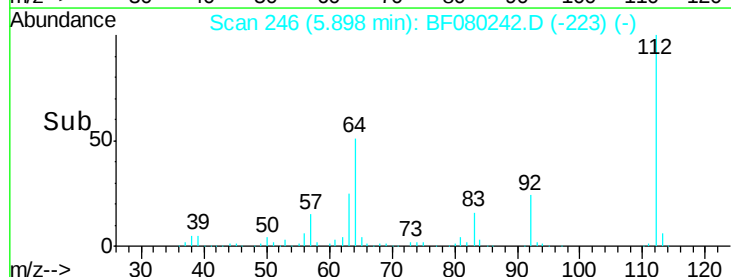
63 24.7 17.4 26.0



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: 124.81 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Instrument :

BNA_F

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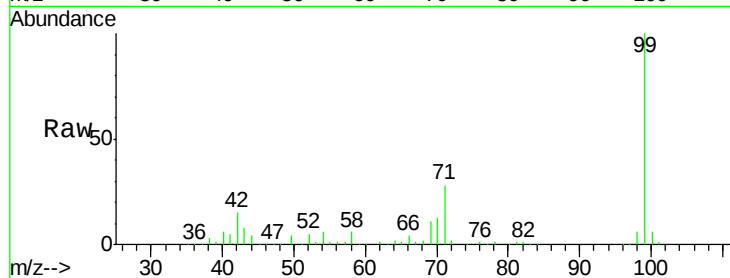
Tgt Ion: 99 Resp: 325791

Ion Ratio Lower Upper

99 100

42 14.6 13.7 20.5

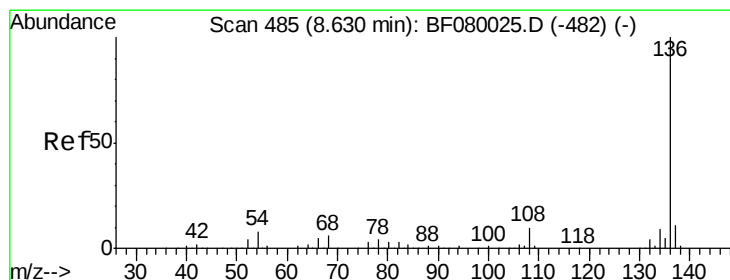
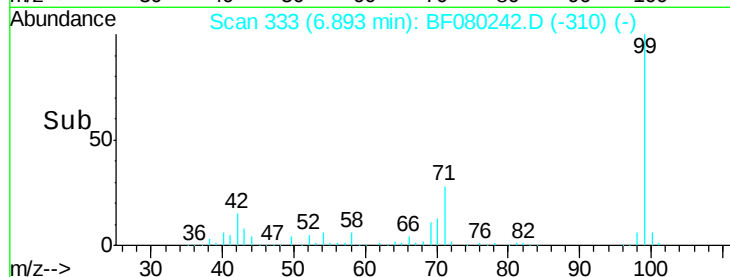
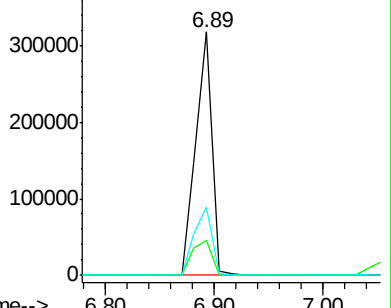
71 27.9 14.2 21.2#



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: 8.57 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF080242.D

Acq: 30 Jun 2015 18:03

Tgt Ion: 136 Resp: 138165

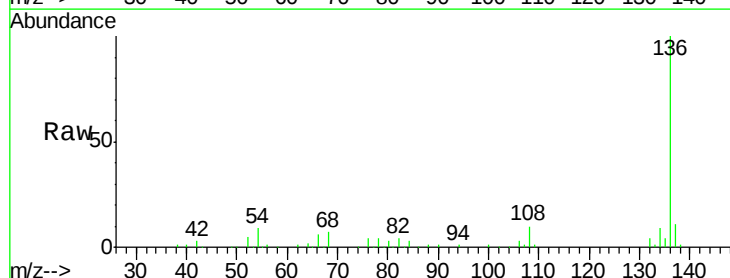
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.5 8.2 12.2

68 7.0 5.8 8.6

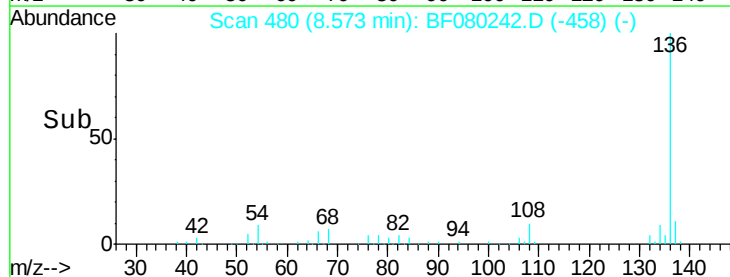
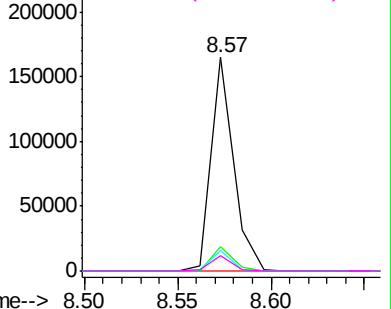


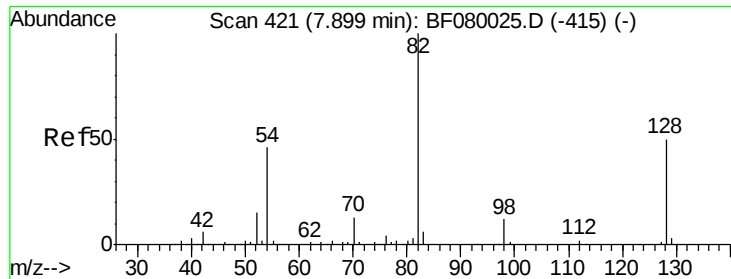
Abundance Ion 136.00 (135.70 to 136.70): E

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

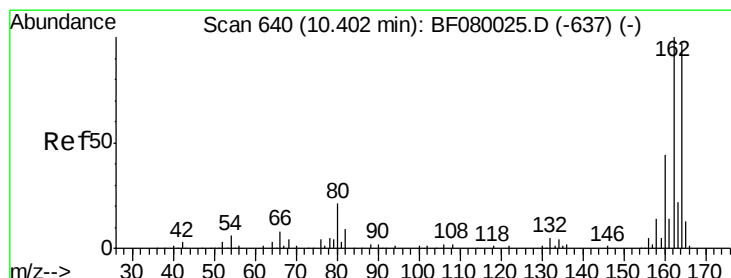
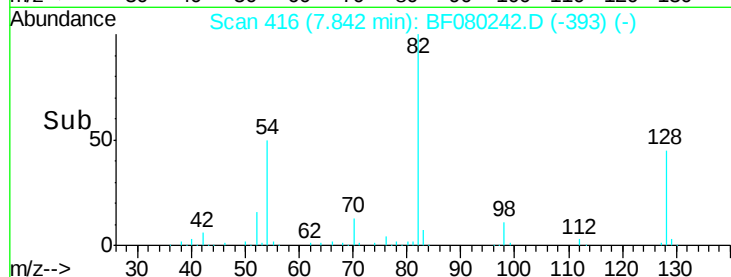
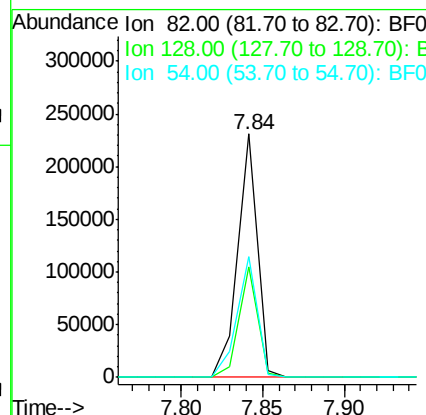
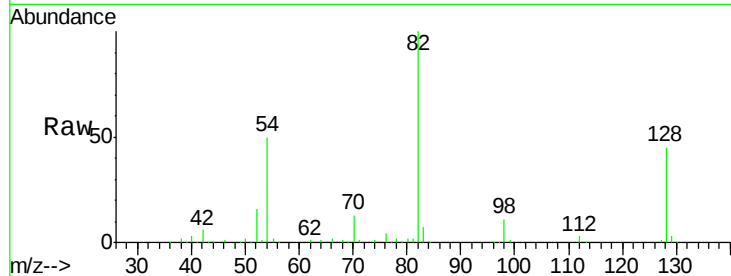




#23
 Nitrobenzene-d5
 Concen: 79.99 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

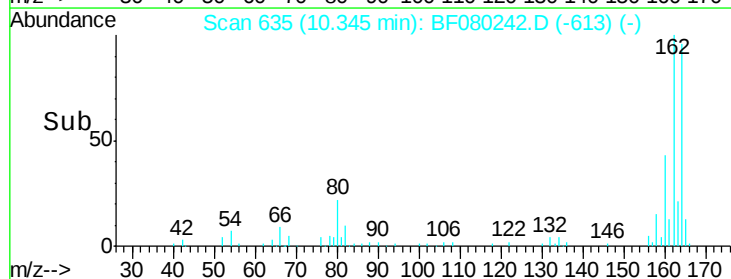
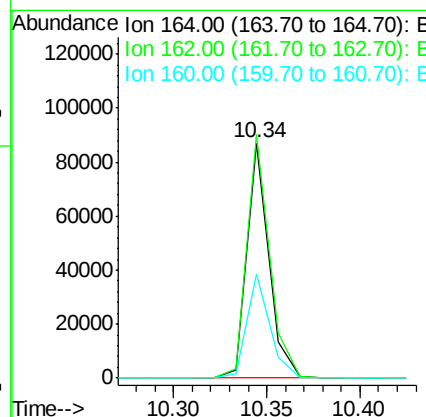
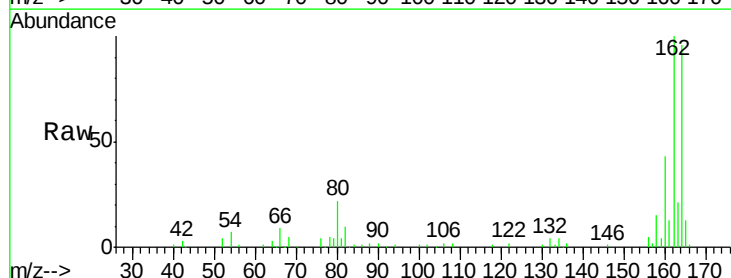
Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

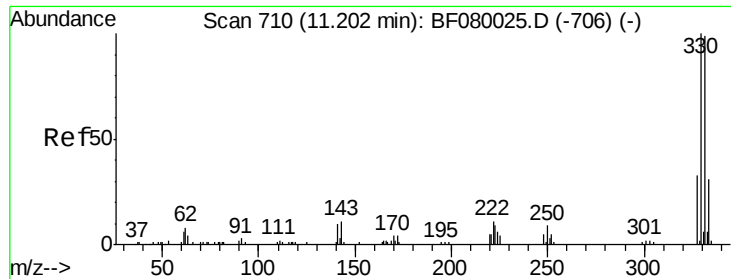
Tgt Ion: 82 Resp: 189844
 Ion Ratio Lower Upper
 82 100
 128 45.3 51.0 76.6#
 54 49.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion: 164 Resp: 71265
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 44.3 31.5 47.3

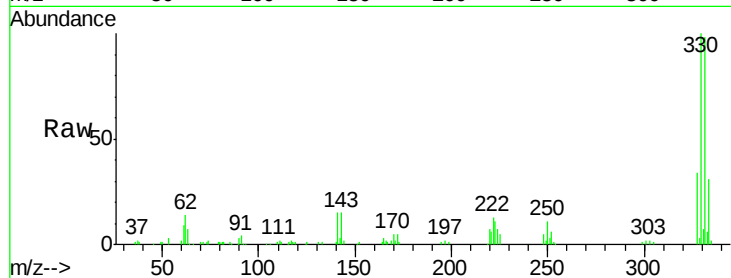




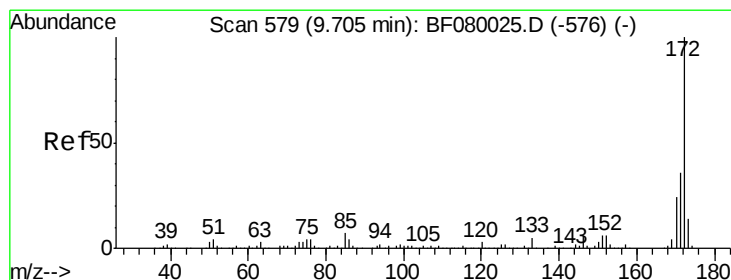
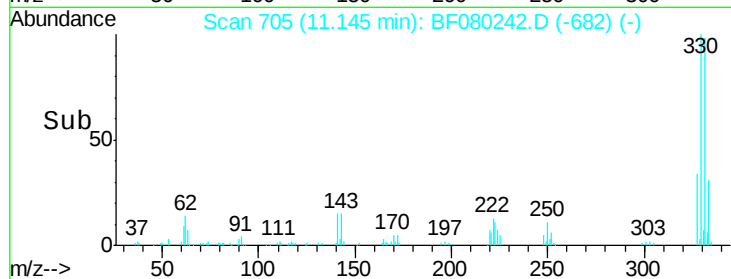
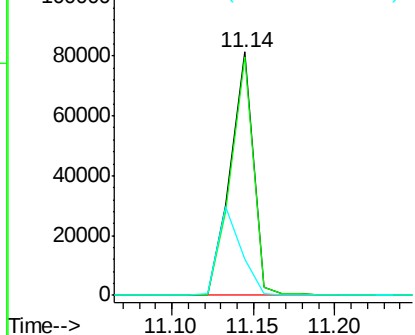
#41
 2,4,6-Tribromophenol
 Concen: 113.69 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Tgt Ion:330 Resp: 79227
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.2 29.7 44.5

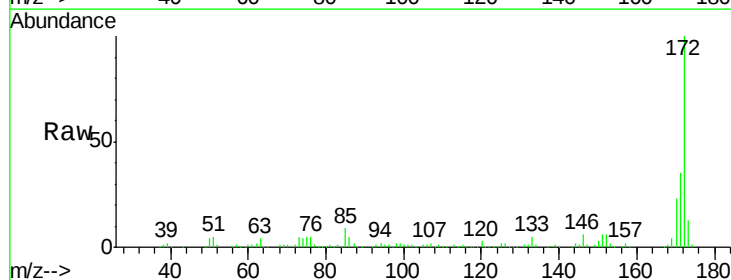


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

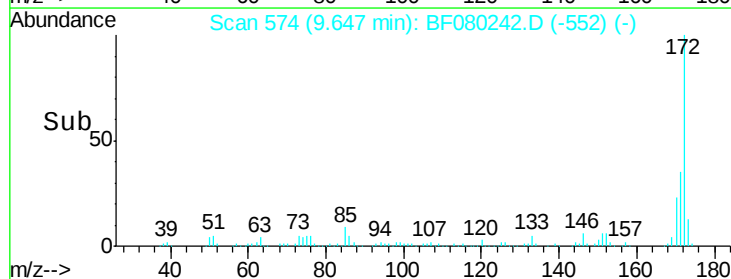
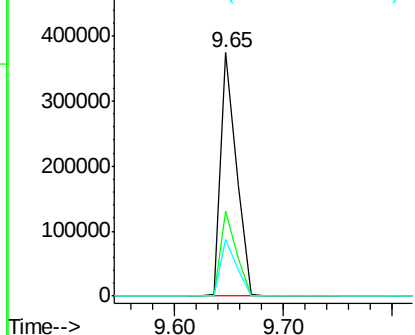


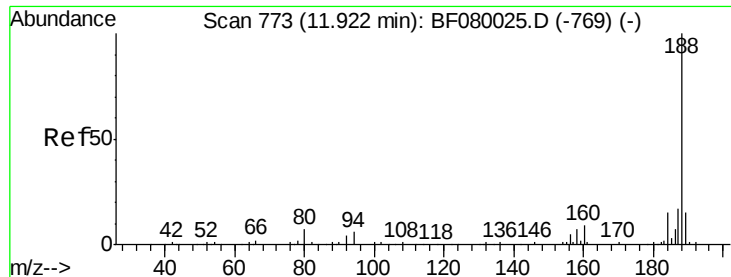
#44
 2-Fluorobiphenyl
 Concen: 76.21 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion:172 Resp: 380841
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.3 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

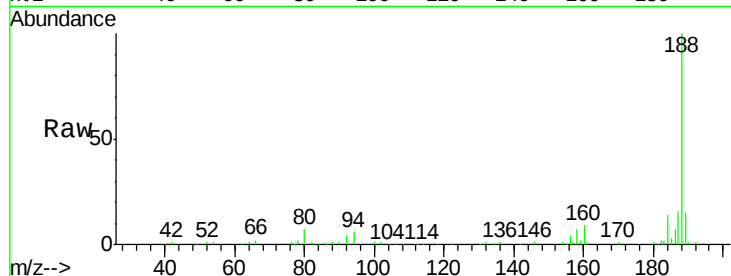




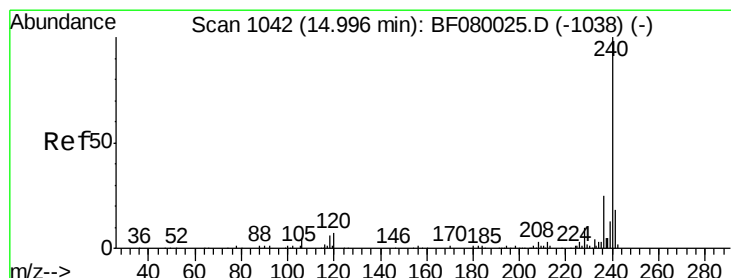
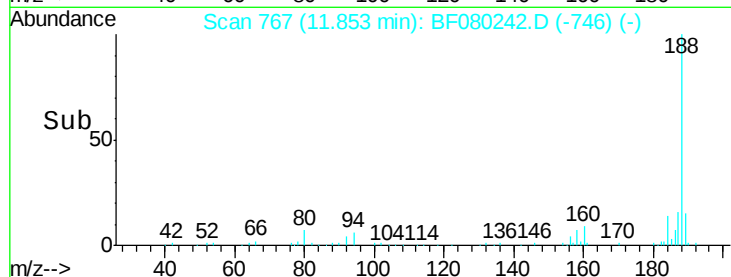
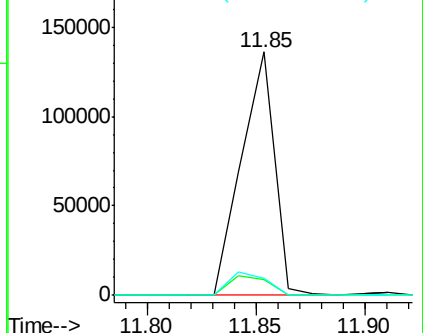
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.85 min Scan# 767
Delta R.T. -0.06 min
Lab File: BF080242.D
Acq: 30 Jun 2015 18:03

Instrument :
BNA_F
ClientSampleId :
PB84281TB

Tgt Ion:188 Resp: 143807
Ion Ratio Lower Upper
188 100
94 6.3 11.1 16.7#
80 6.8 11.0 16.4#

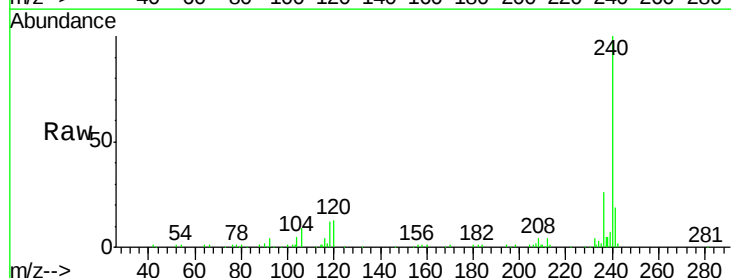


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

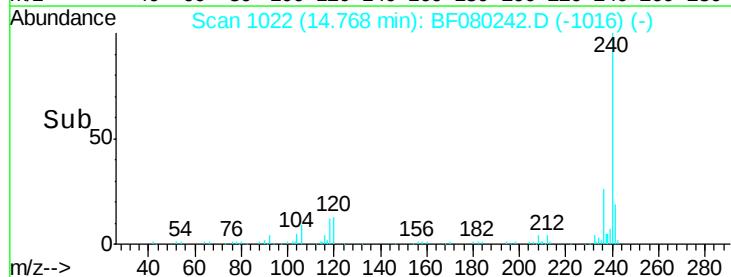
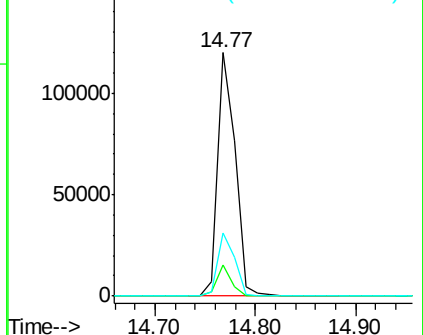


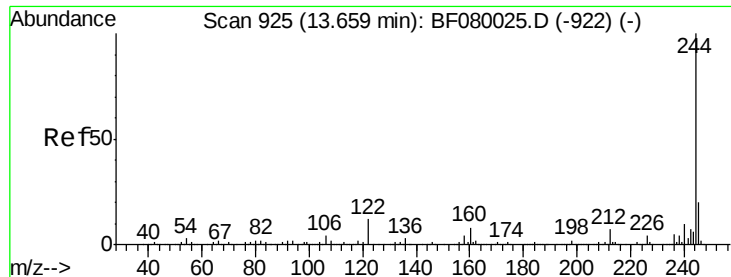
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1022
Delta R.T. -0.23 min
Lab File: BF080242.D
Acq: 30 Jun 2015 18:03

Tgt Ion:240 Resp: 144816
Ion Ratio Lower Upper
240 100
120 12.6 16.2 24.2#
236 25.9 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

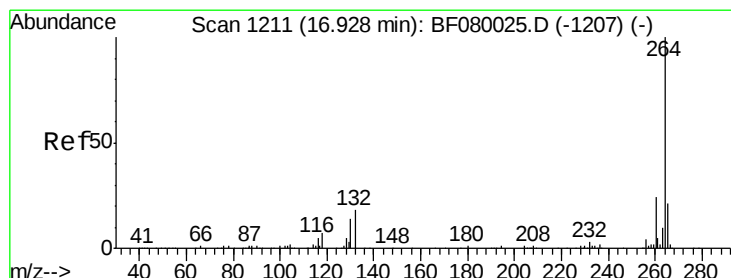
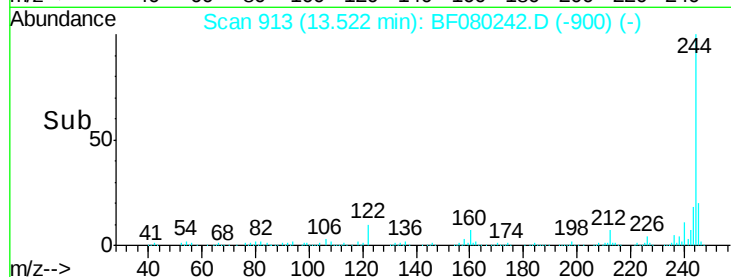
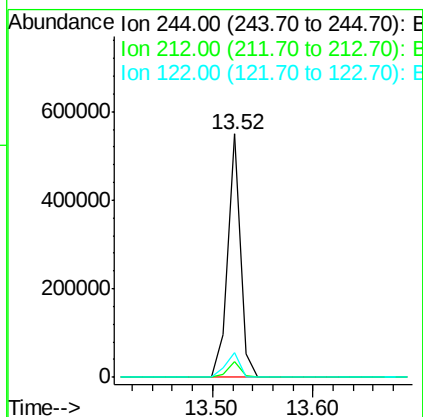
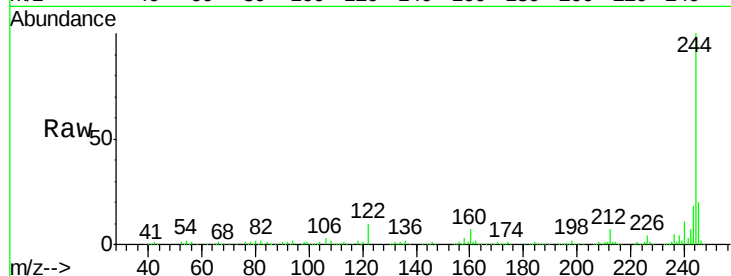




#78
 Terphenyl-d14
 Concen: 77.72 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84281TB

Tgt Ion:244 Resp: 481922
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 10.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.62 min Scan# 1184
 Delta R.T. -0.31 min
 Lab File: BF080242.D
 Acq: 30 Jun 2015 18:03

Tgt Ion:264 Resp: 137256
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.9 17.2 25.8

