

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
 Data File : BF081426.D
 Acq On : 4 Sep 2015 18:50
 Operator : UM/IZ
 Sample : PB85417BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Quant Time: Sep 07 01:33:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	62626	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	244484	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	112032	20.00	ng	-0.01
63) Phenanthrene-d10	10.86	188	232178	20.00	ng	0.00
75) Chrysene-d12	13.45	240	167466	20.00	ng	-0.01
86) Perylene-d12	14.77	264	121420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	443087	109.77	ng	0.01
7) Phenol-d6	6.03	99	688041	128.78	ng	0.00
23) Nitrobenzene-d5	6.94	82	420693	83.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	102378	102.63	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	652580	74.65	ng	-0.01
78) Terphenyl-d14	12.43	244	576136	80.08	ng	-0.01

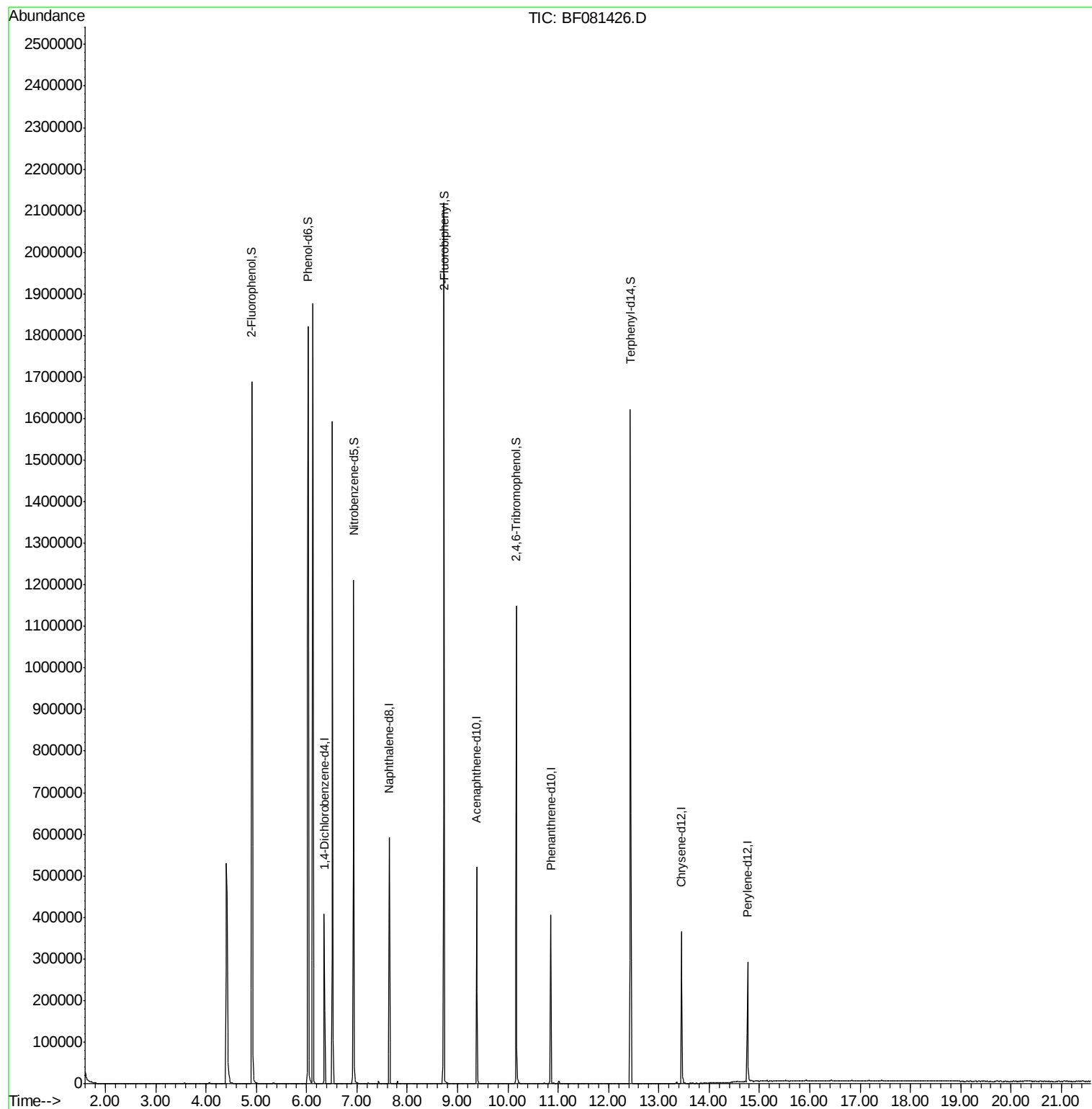
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB85417BL

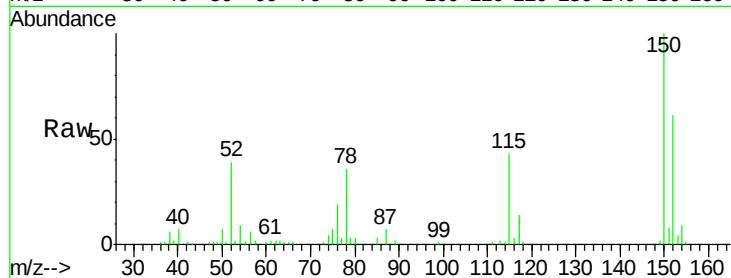
Tgt Ion:152 Resp: 62626

Ion Ratio Lower Upper

152 100

150 163.7 124.7 187.1

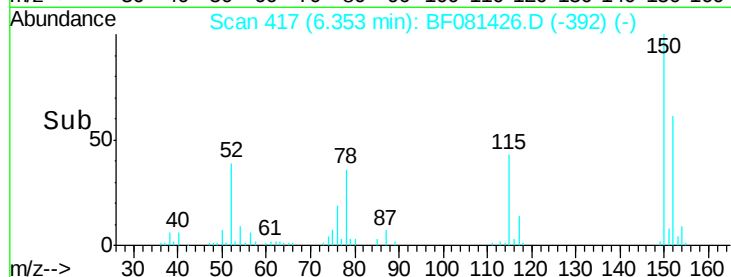
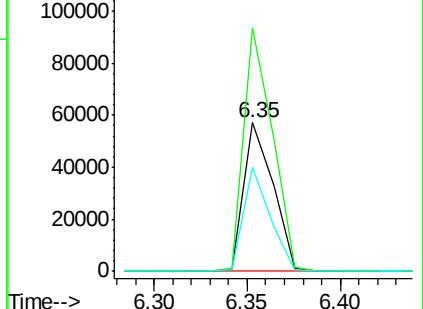
115 70.2 39.0 58.4#



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: 109.77 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

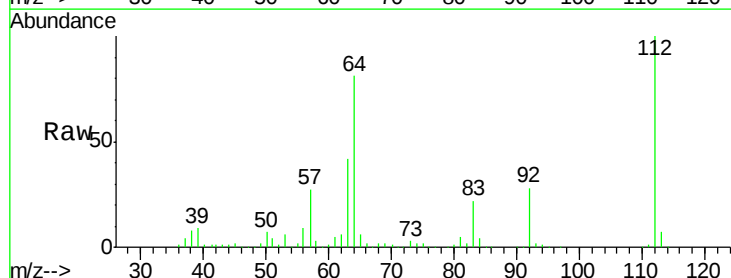
Tgt Ion:112 Resp: 443087

Ion Ratio Lower Upper

112 100

64 81.1 39.7 59.5#

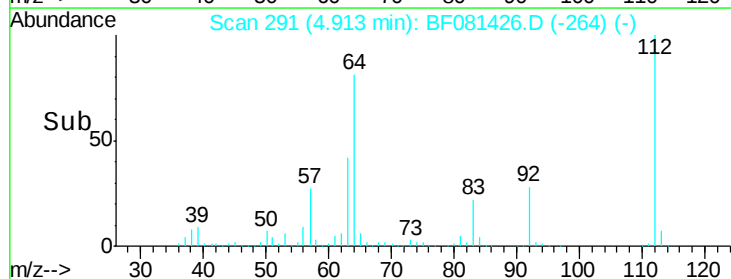
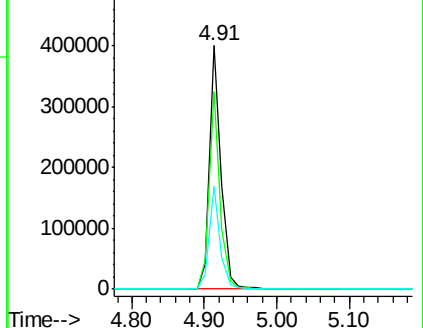
63 42.5 17.4 26.0#



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: 128.78 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Instrument :

BNA_F

ClientSampled :

PB85417BL

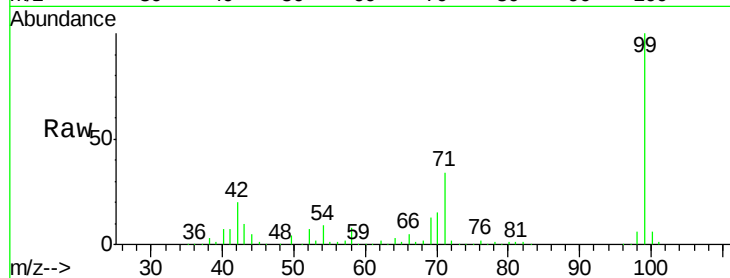
Tgt Ion: 99 Resp: 688041

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

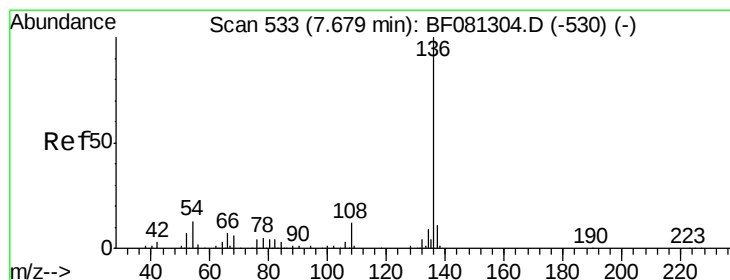
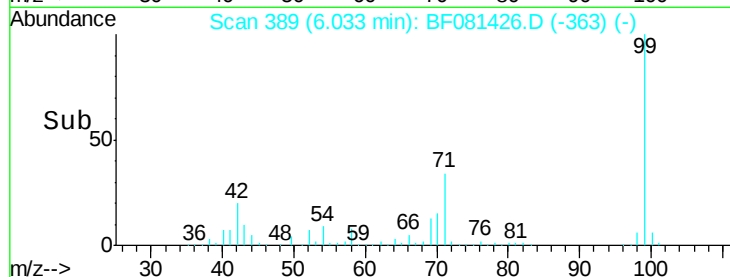
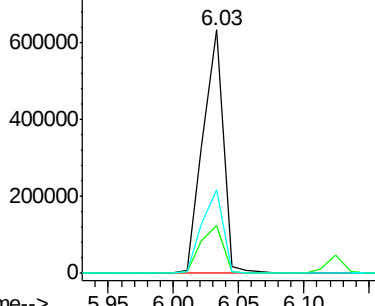
71 34.4 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081426.D

Acq: 4 Sep 2015 18:50

Tgt Ion: 136 Resp: 244484

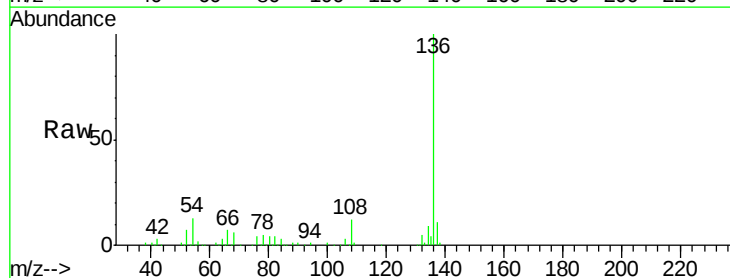
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 13.1 8.2 12.2#

68 6.3 5.8 8.6

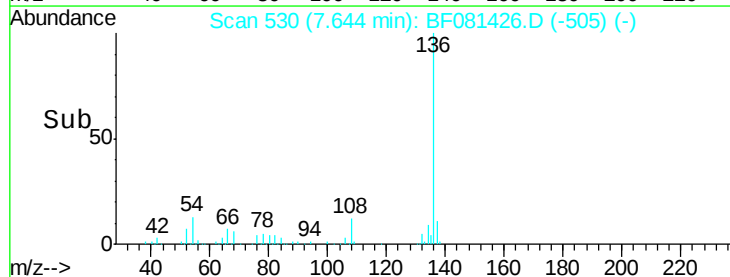
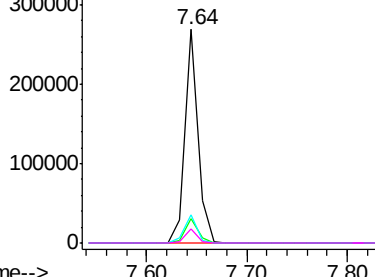


Abundance Ion 136.00 (135.70 to 136.70): E

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

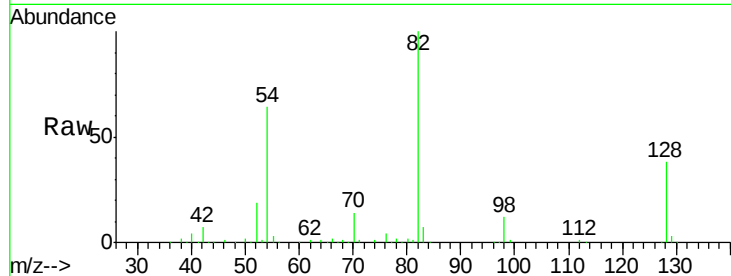




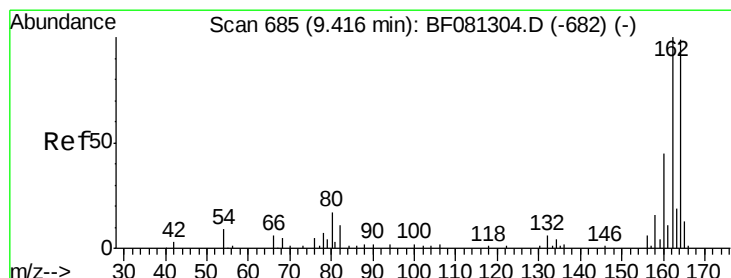
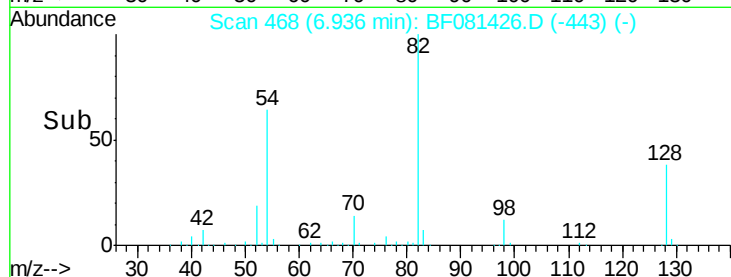
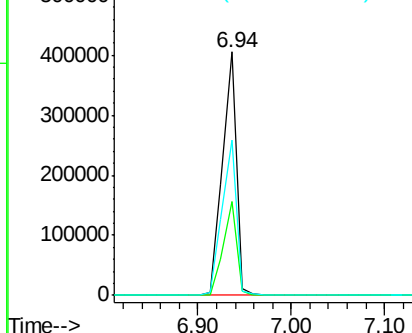
#23
 Nitrobenzene-d5
 Concen: 83.02 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Tgt Ion: 82 Resp: 420693
 Ion Ratio Lower Upper
 82 100
 128 38.4 51.0 76.6#
 54 63.6 47.5 71.3

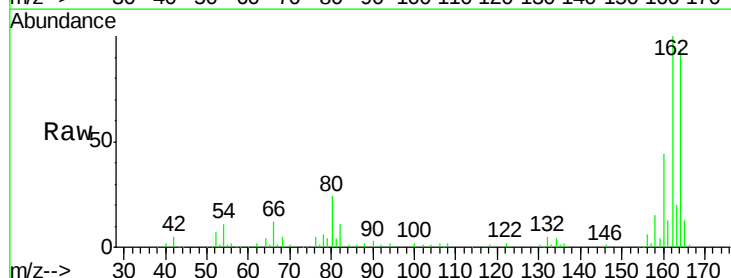


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

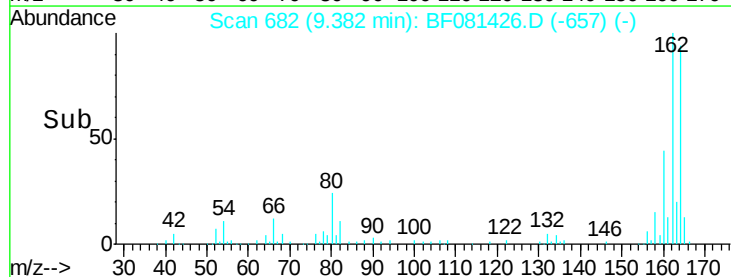
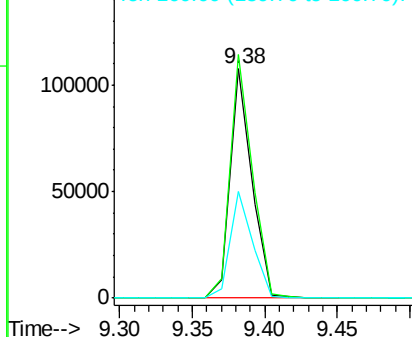


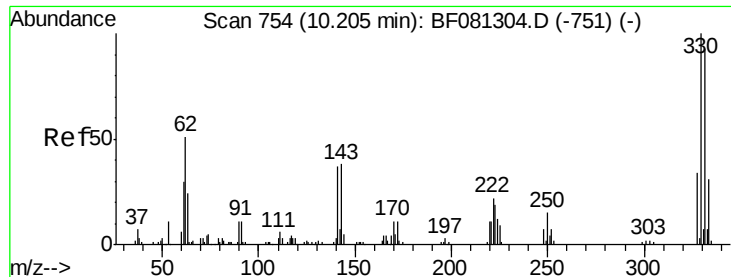
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Tgt Ion: 164 Resp: 112032
 Ion Ratio Lower Upper
 164 100
 162 106.1 75.2 112.8
 160 46.7 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

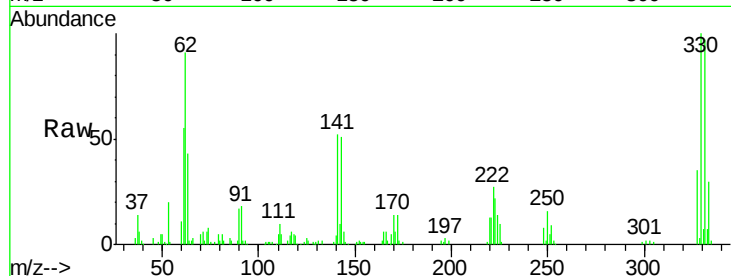




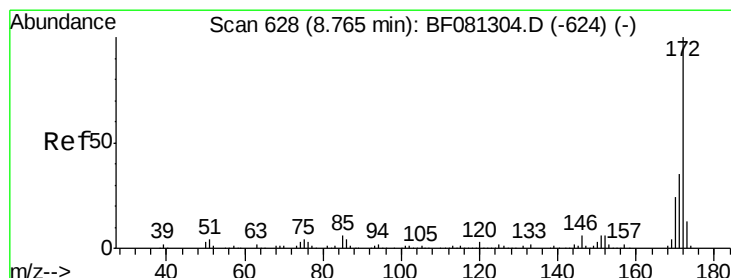
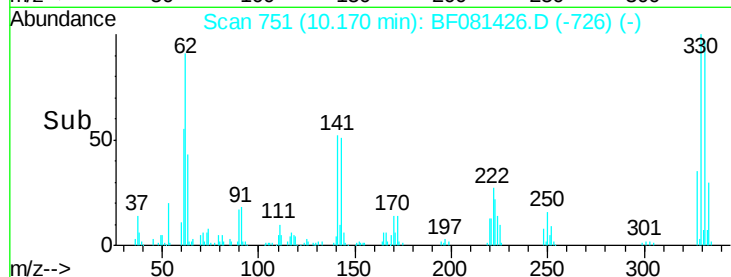
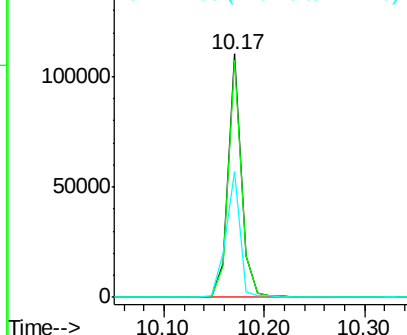
#41
 2,4,6-Tribromophenol
 Concen: 102.63 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB85417BL

Tgt Ion:330 Resp: 102378
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 55.1 29.7 44.5#

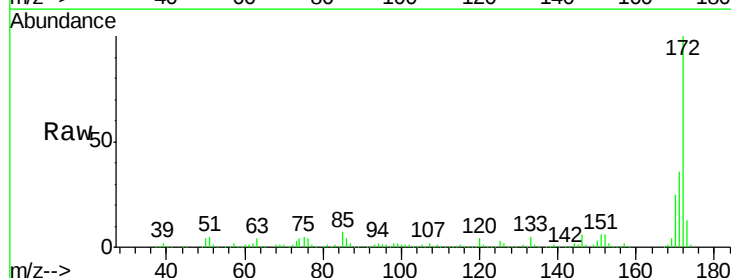


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

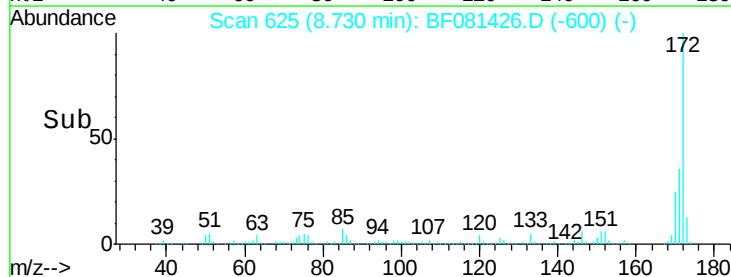
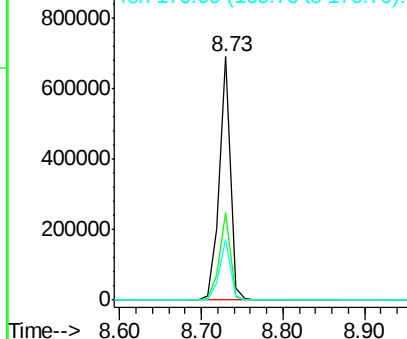


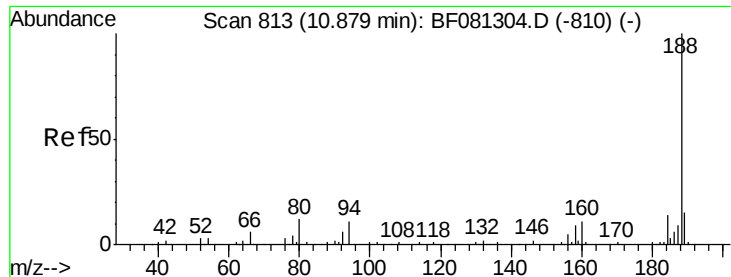
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Tgt Ion:172 Resp: 652580
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.7 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

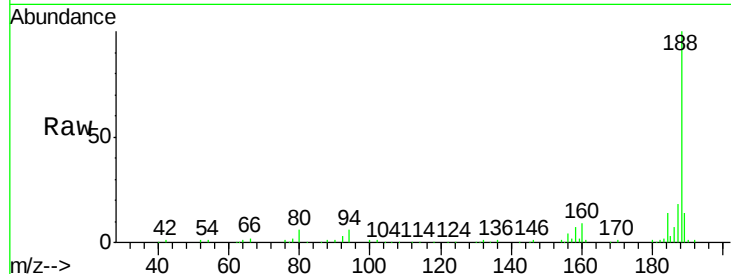




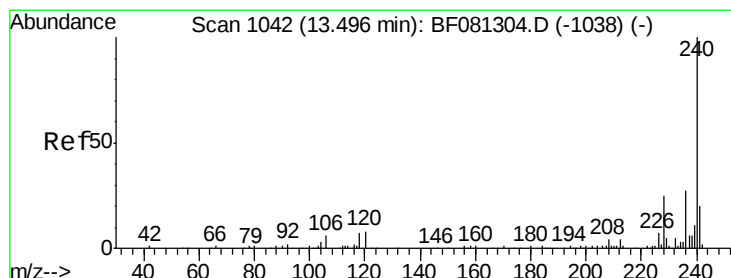
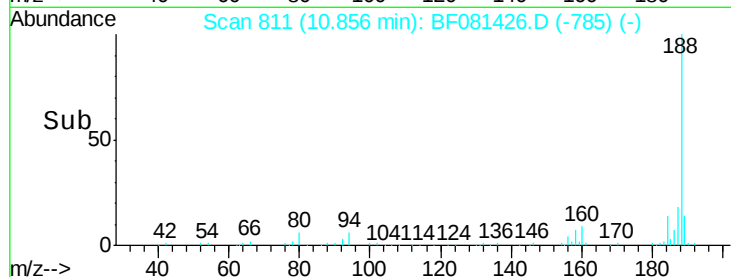
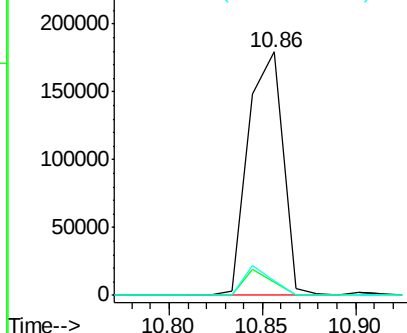
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081426.D
Acq: 4 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB85417BL

Tgt Ion:188 Resp: 232178
Ion Ratio Lower Upper
188 100
94 5.6 11.1 16.7#
80 5.8 11.0 16.4#

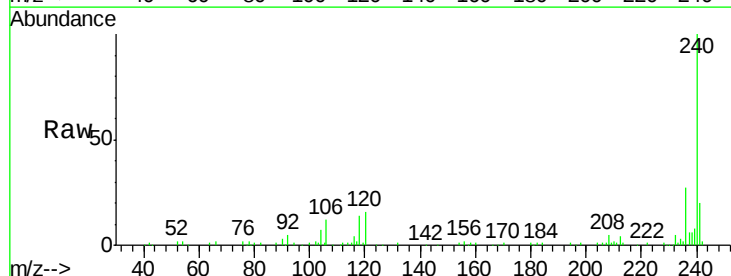


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

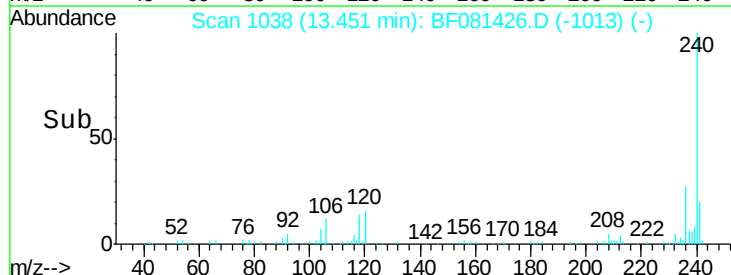
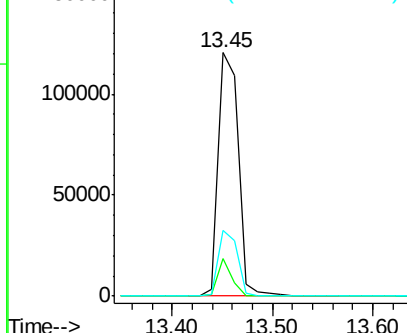


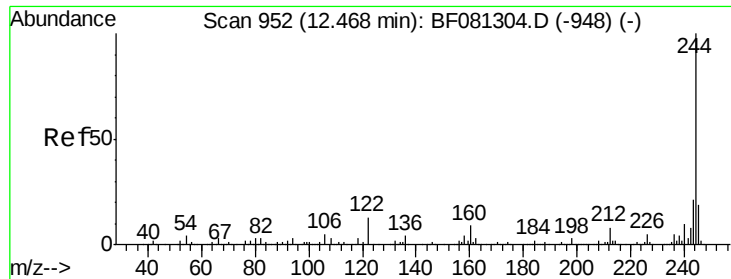
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF081426.D
Acq: 4 Sep 2015 18:50

Tgt Ion:240 Resp: 167466
Ion Ratio Lower Upper
240 100
120 15.6 16.2 24.2#
236 27.2 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

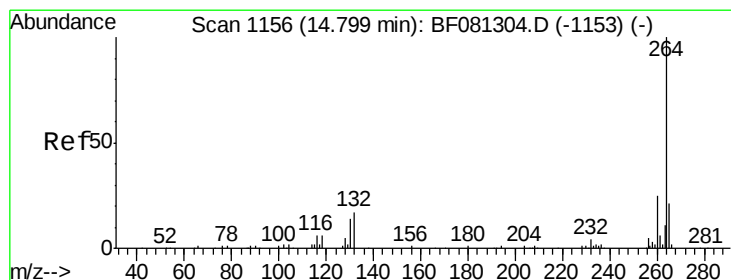
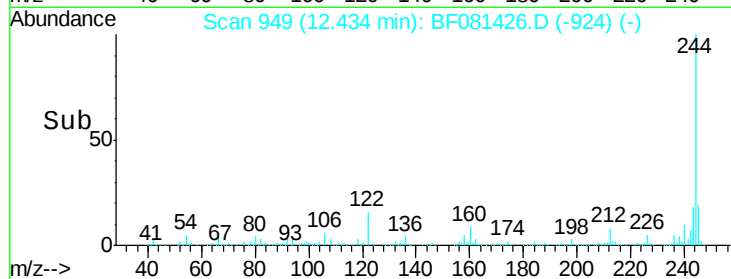
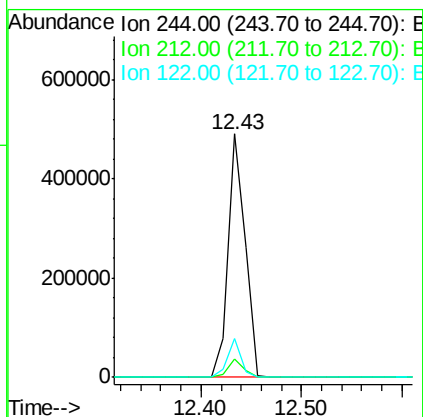
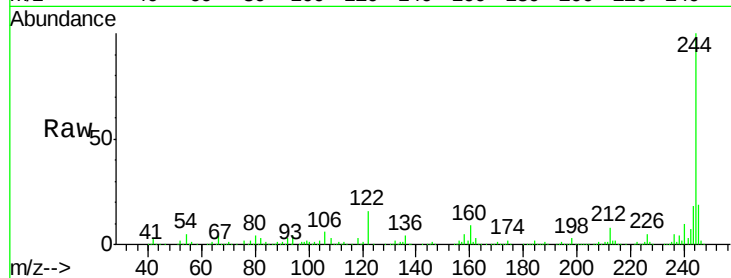




#78
 Terphenyl-d14
 Concen: 80.08 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB85417BL

Tgt Ion:244 Resp: 576136
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 15.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081426.D
 Acq: 4 Sep 2015 18:50

Tgt Ion:264 Resp: 121420
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.8 17.2 25.8

