

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081313.D
 Acq On : 1 Sep 2015 20:04
 Operator : UM/IZ
 Sample : PB85326TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85326TB

Quant Time: Sep 02 01:17:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56940	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	227910	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	106294	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	211764	20.00	ng	0.00
75) Chrysene-d12	13.49	240	169002	20.00	ng	-0.01
86) Perylene-d12	14.80	264	135048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	446053	121.54	ng	0.02
7) Phenol-d6	6.06	99	626890	129.05	ng	0.00
23) Nitrobenzene-d5	6.96	82	320401	67.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	124511	131.56	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	622202	75.01	ng	0.00
78) Terphenyl-d14	12.47	244	549398	75.67	ng	0.00

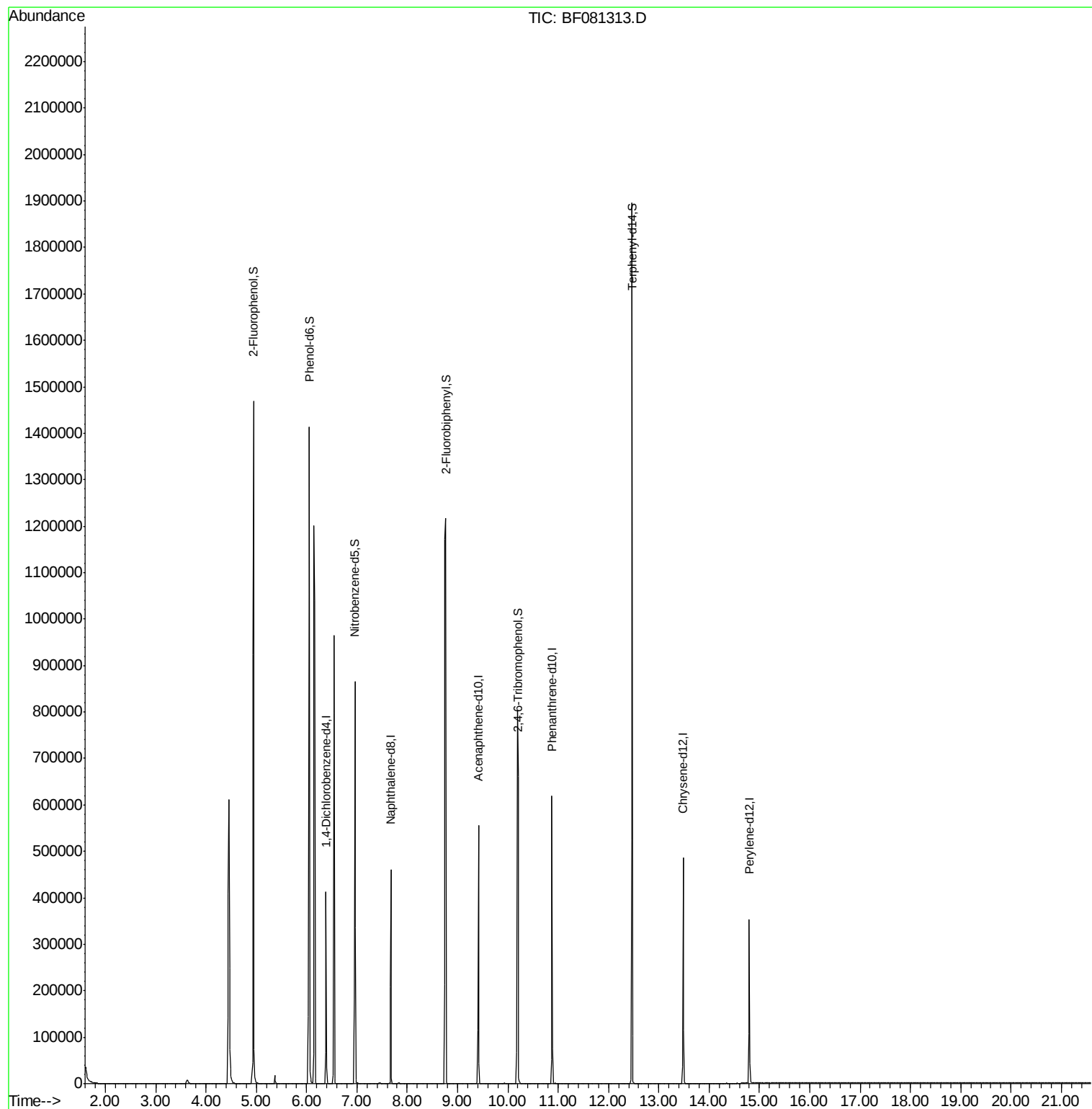
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081313.D

Acq: 1 Sep 2015 20:04

Instrument :

BNA_F

ClientSampleId :

PB85326TB

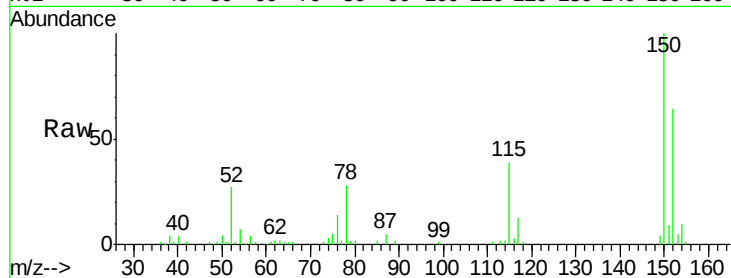
Tgt Ion:152 Resp: 56940

Ion Ratio Lower Upper

152 100

150 156.9 124.7 187.1

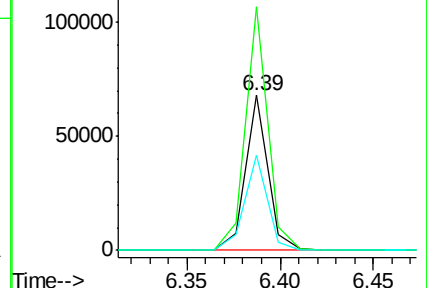
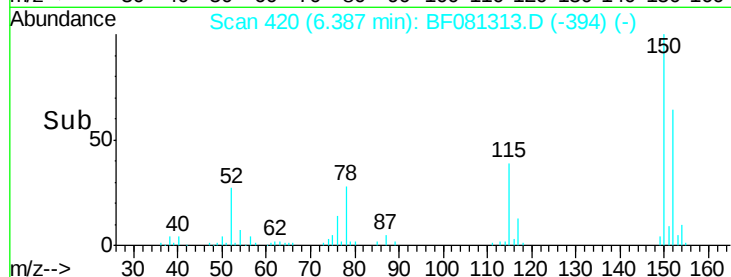
115 61.7 39.0 58.4#



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: 121.54 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081313.D

Acq: 1 Sep 2015 20:04

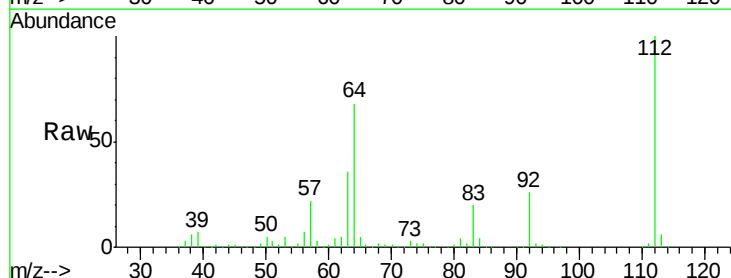
Tgt Ion:112 Resp: 446053

Ion Ratio Lower Upper

112 100

64 68.1 39.7 59.5#

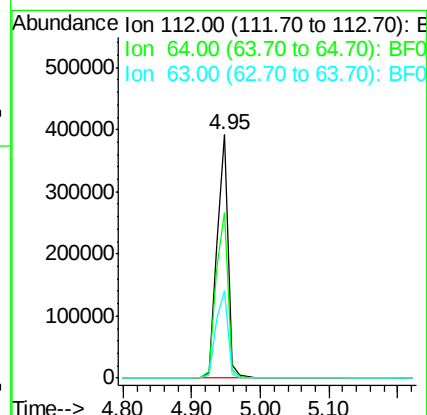
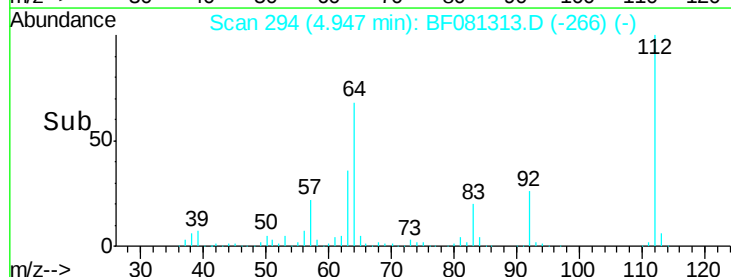
63 35.9 17.4 26.0#



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: 129.05 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081313.D

Acq: 1 Sep 2015 20:04

Instrument :

BNA_F

ClientSampleId :

PB85326TB

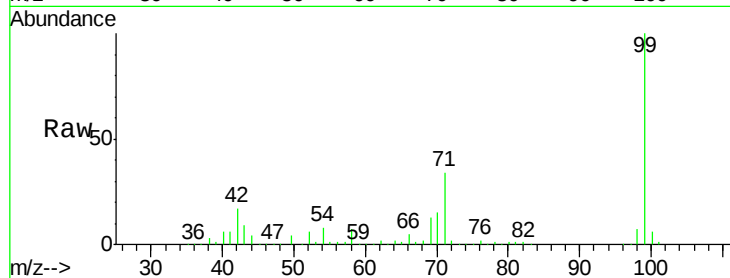
Tgt Ion: 99 Resp: 626890

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

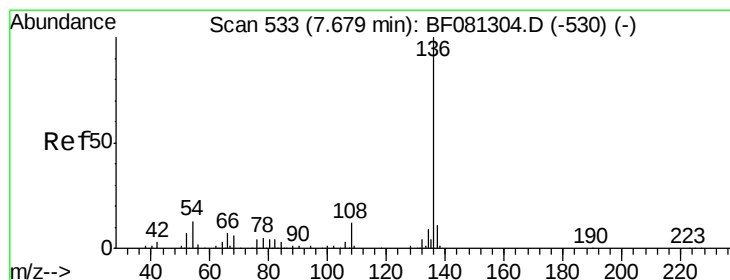
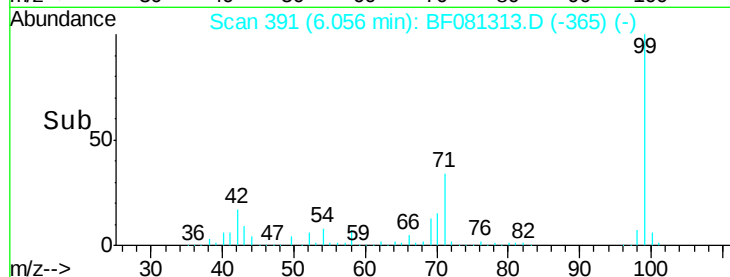
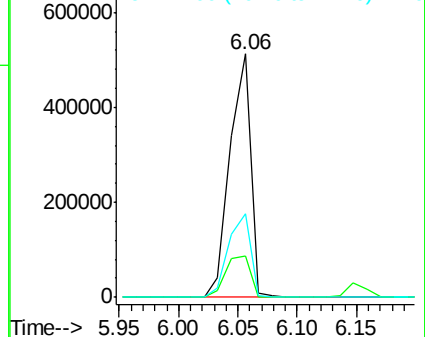
71 34.2 14.2 21.2#



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: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081313.D

Acq: 1 Sep 2015 20:04

Tgt Ion: 136 Resp: 227910

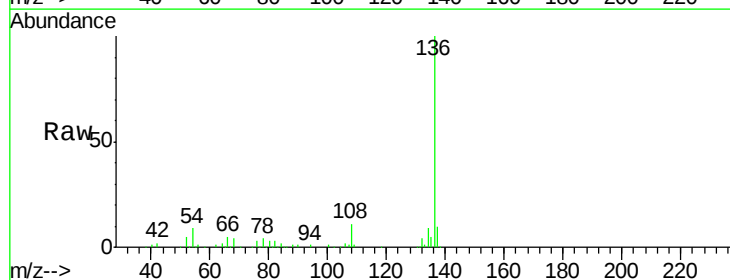
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 9.3 8.2 12.2

68 4.5 5.8 8.6#

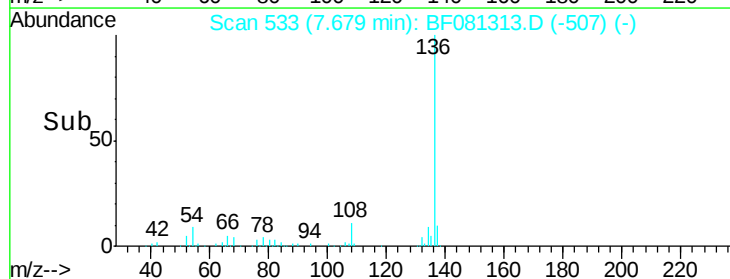
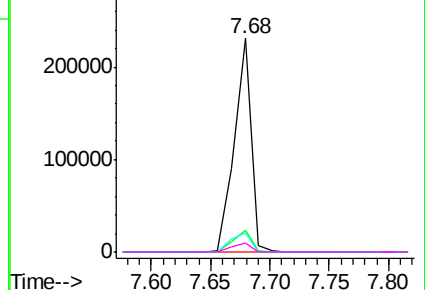


Abundance Ion 136.00 (135.70 to 136.70): E

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

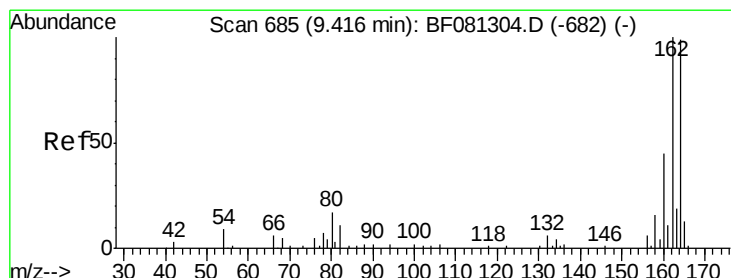
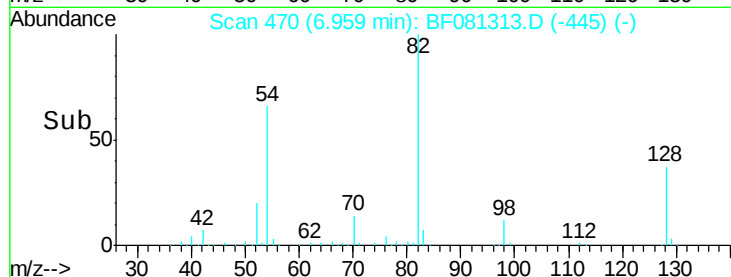
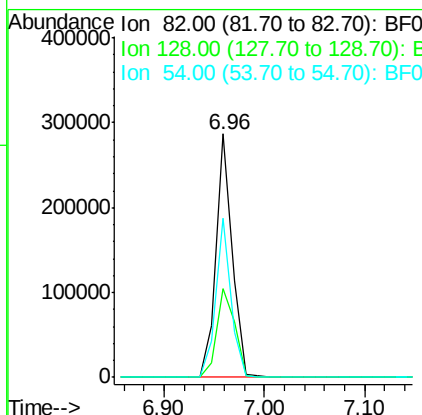
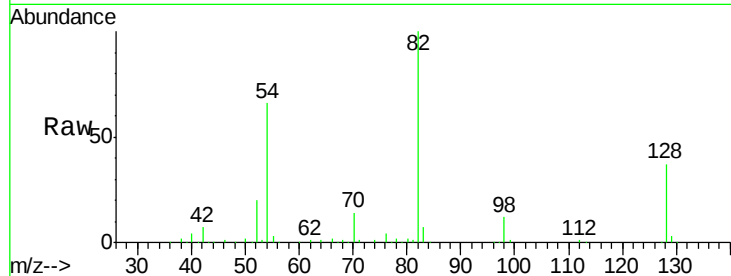




#23
 Nitrobenzene-d5
 Concen: 67.83 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

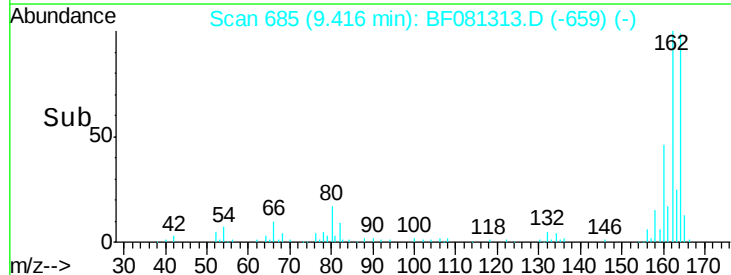
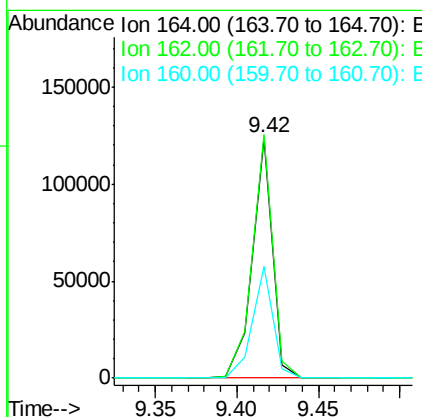
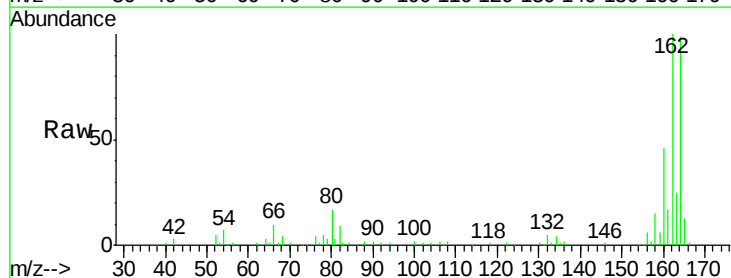
Instrument :
 BNA_F
 ClientSampleId :
 PB85326TB

Tgt Ion: 82 Resp: 320401
 Ion Ratio Lower Upper
 82 100
 128 36.7 51.0 76.6#
 54 65.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

Tgt Ion: 164 Resp: 106294
 Ion Ratio Lower Upper
 164 100
 162 101.4 75.2 112.8
 160 46.5 31.5 47.3

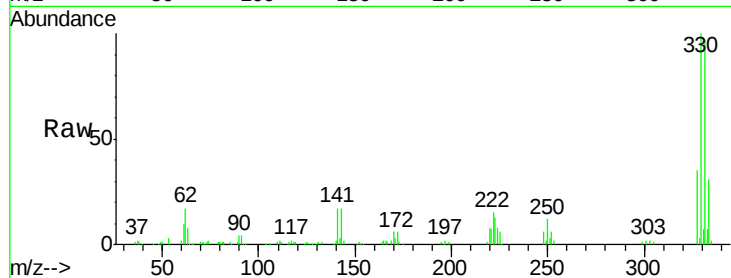




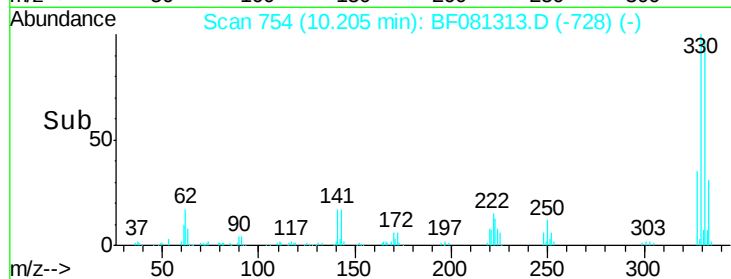
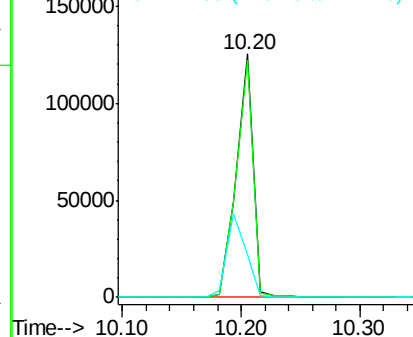
#41
 2,4,6-Tribromophenol
 Concen: 131.56 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85326TB

Tgt Ion:330 Resp: 124511
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 38.6 29.7 44.5

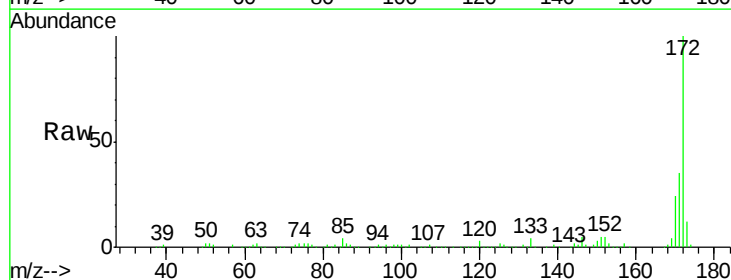


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

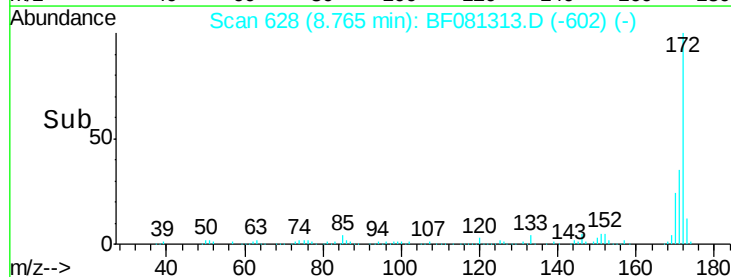
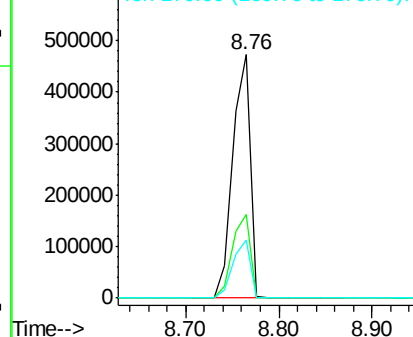


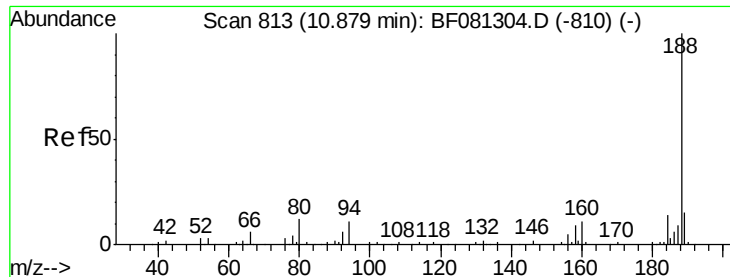
#44
 2-Fluorobiphenyl
 Concen: 75.01 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

Tgt Ion:172 Resp: 622202
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.7 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

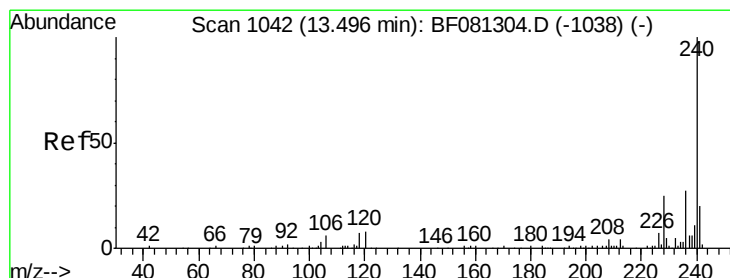
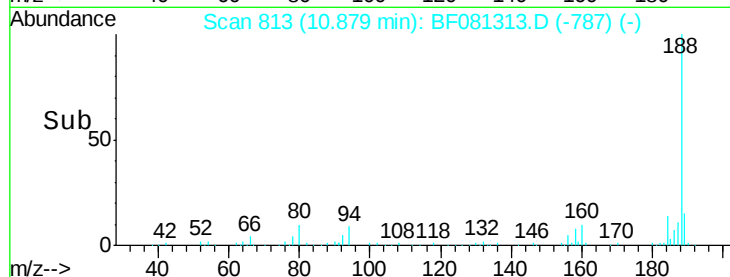
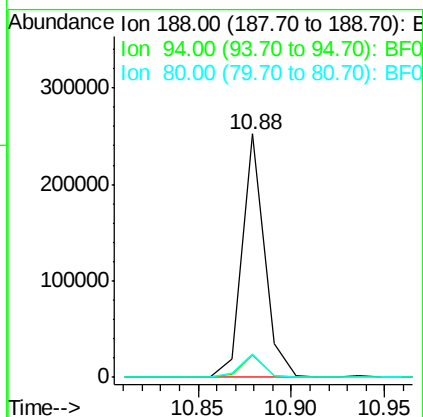
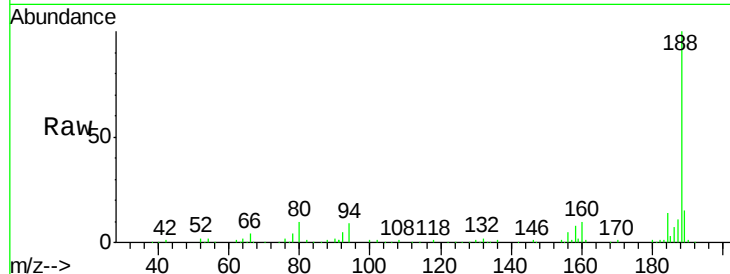




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

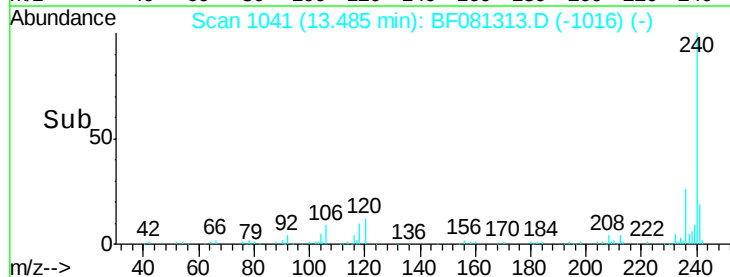
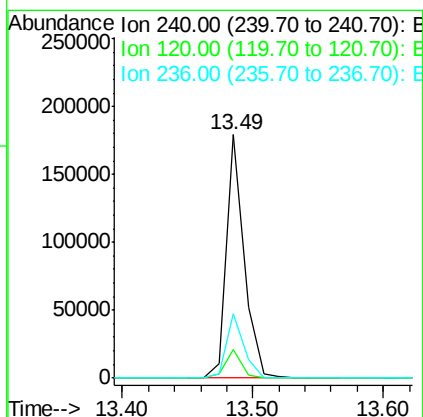
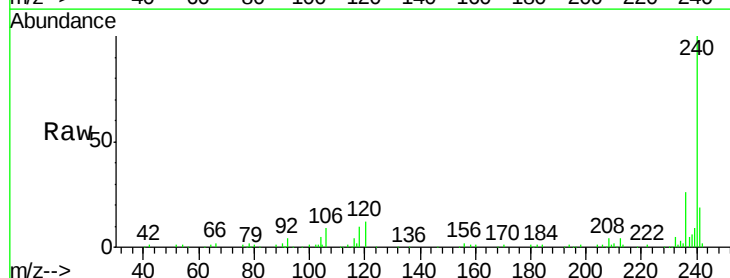
Instrument :
BNA_F
ClientSampleId :
PB85326TB

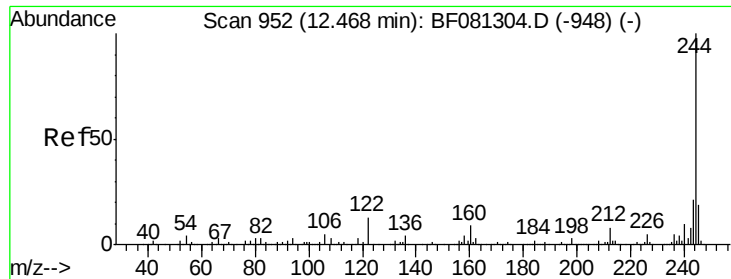
Tgt Ion:188 Resp: 211764
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 9.8 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081313.D
Acq: 1 Sep 2015 20:04

Tgt Ion:240 Resp: 169002
Ion Ratio Lower Upper
240 100
120 11.7 16.2 24.2#
236 26.3 18.4 27.6

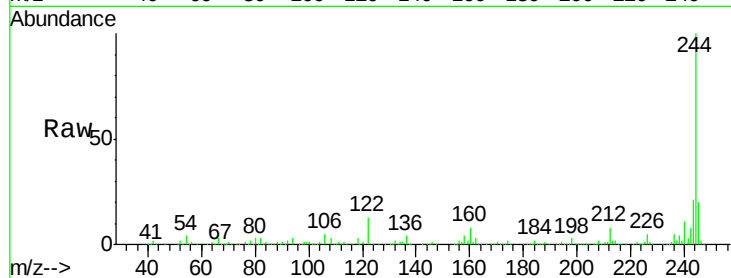




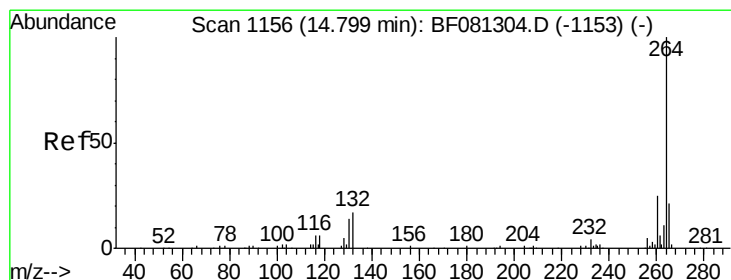
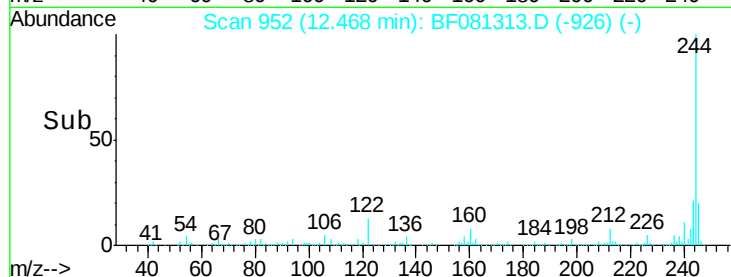
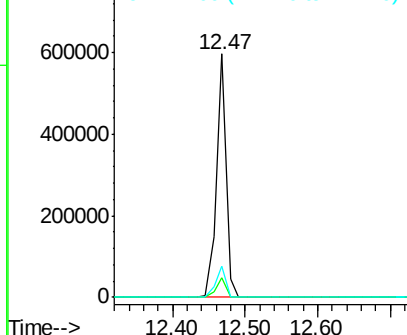
#78
 Terphenyl-d14
 Concen: 75.67 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85326TB

Tgt Ion:244 Resp: 549398
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 13.0 17.4 26.2#

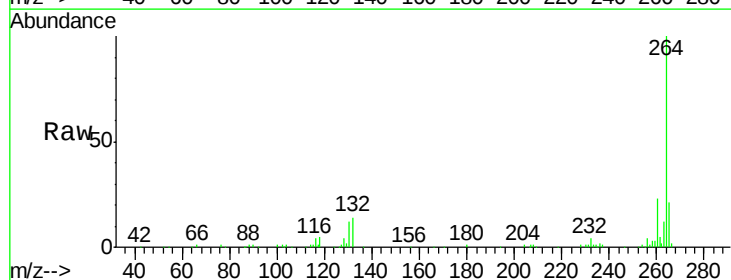


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081313.D
 Acq: 1 Sep 2015 20:04

Tgt Ion:264 Resp: 135048
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 20.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

