

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081726.D
 Acq On : 21 Sep 2015 22:07
 Operator : UM/IZ
 Sample : G3717-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Quant Time: Sep 22 03:24:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39900	20.00	ng	-0.06
21) Naphthalene-d8	11.06	136	151305	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	72777	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	141151	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	100004	20.00	ng	-0.03
86) Perylene-d12	24.79	264	73039	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	127637	49.63	ng	-0.02
7) Phenol-d6	7.61	99	103065	30.28	ng	-0.03
23) Nitrobenzene-d5	9.46	82	340878	108.70	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	99794	154.00	ng	-0.06
44) 2-Fluorobiphenyl	13.71	172	590656	104.00	ng	-0.07
78) Terphenyl-d14	22.07	244	448685	104.44	ng	-0.04

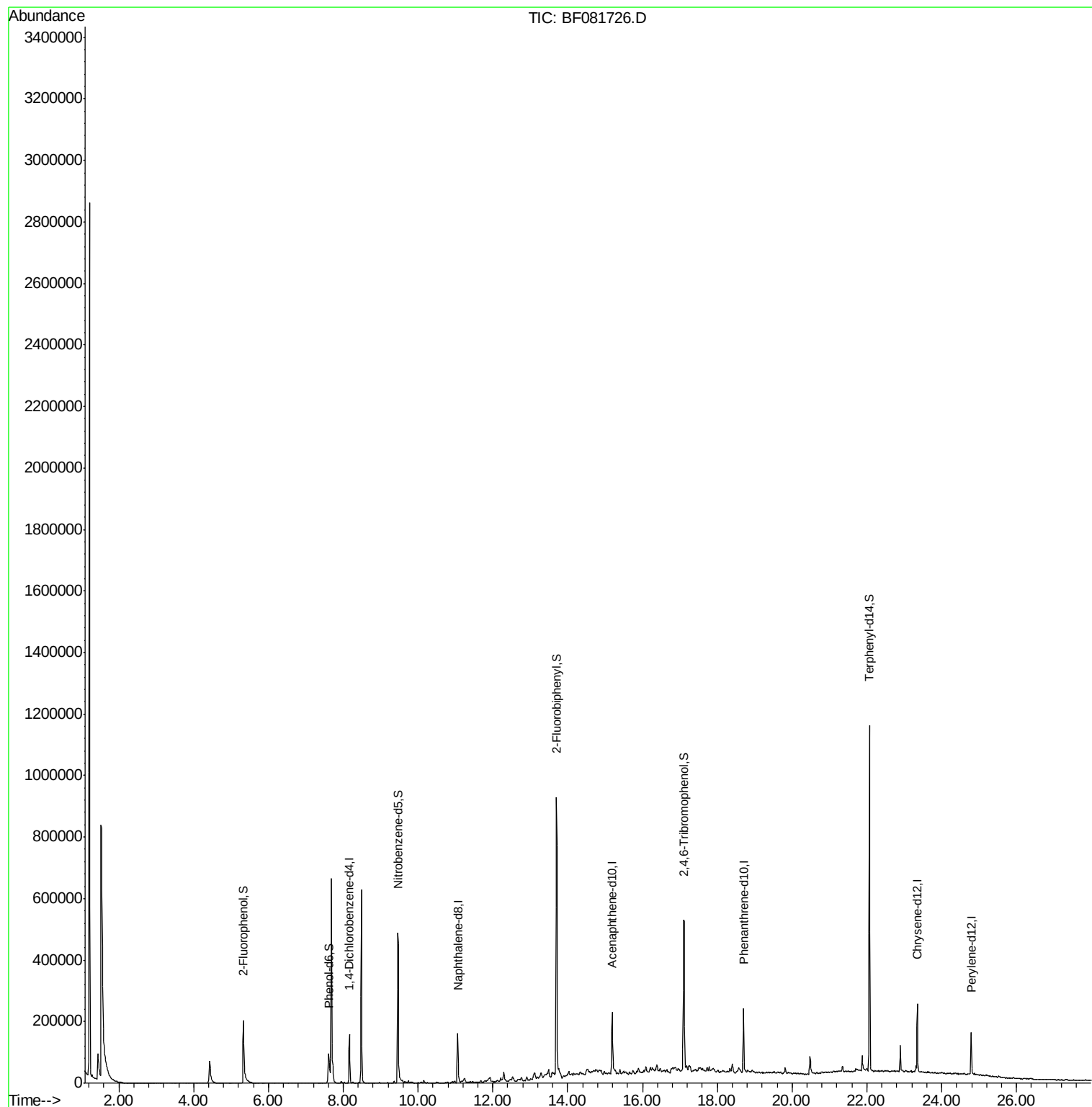
Target Compounds Qvalue

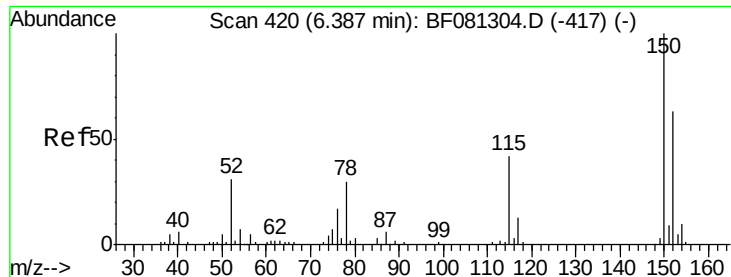
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.06 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

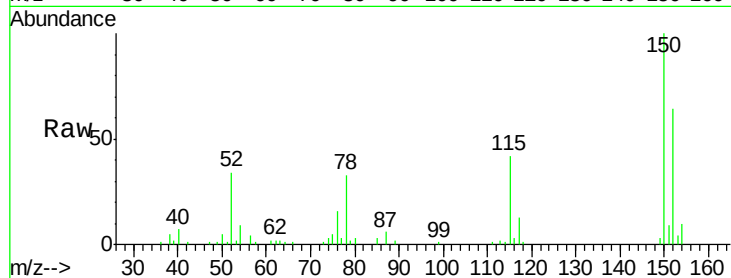
Tot Ion:152 Resp: 39900

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

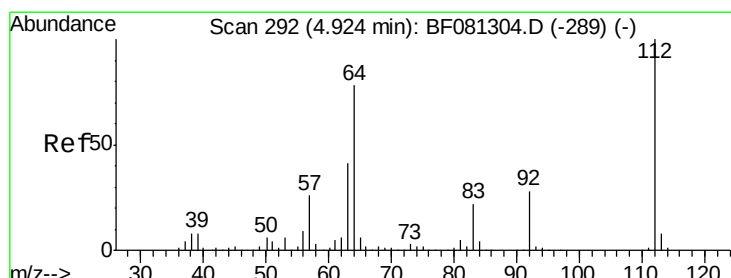
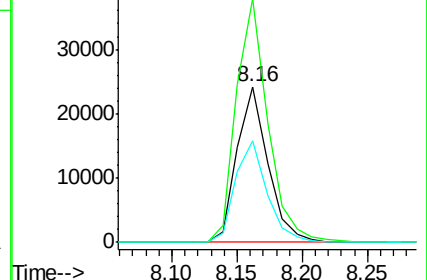
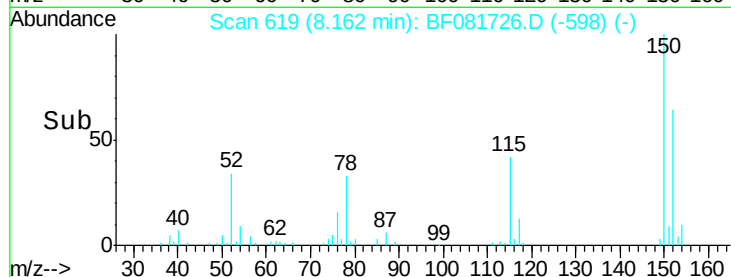
115 65.6 39.0 58.4#



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: 49.63 ng

RT: 5.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

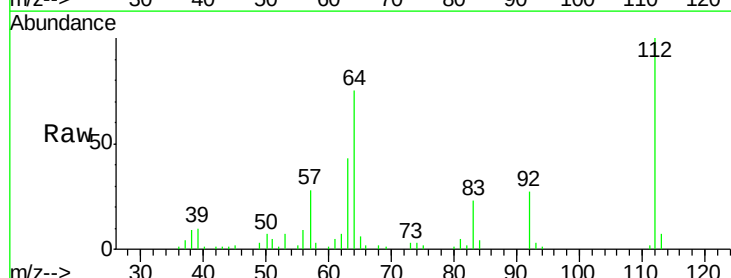
Tgt Ion:112 Resp: 127637

Ion Ratio Lower Upper

112 100

64 75.4 39.7 59.5#

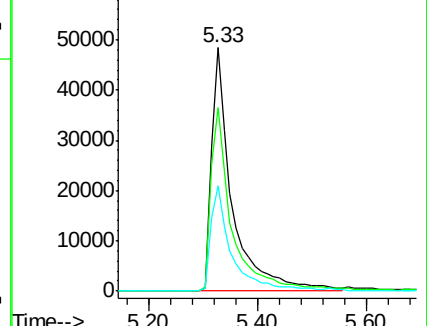
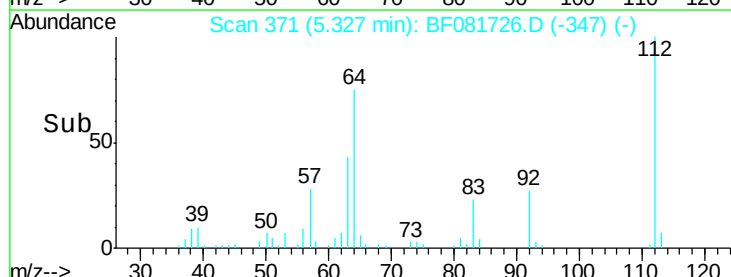
63 43.2 17.4 26.0#

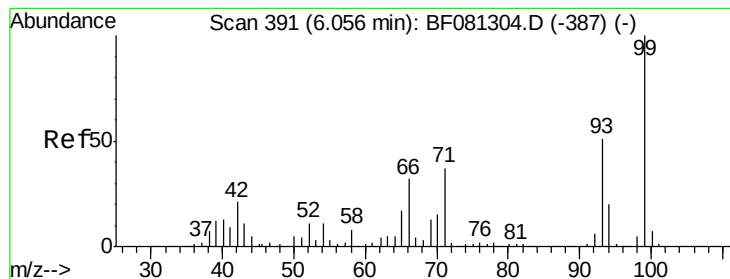


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.28 ng

RT: 7.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Instrument :

BNA_F

ClientSampleId :

LIP-22-9-17-15

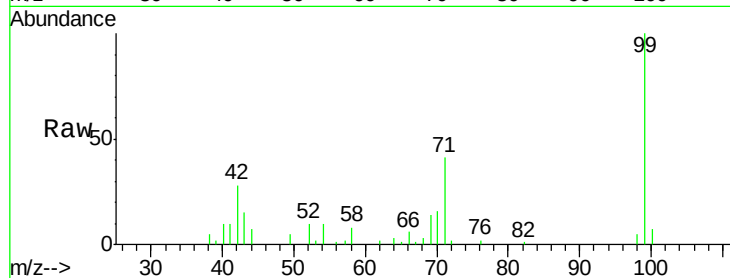
Tot Ion: 99 Resp: 103065

Ion Ratio Lower Upper

99 100

42 27.7 13.7 20.5#

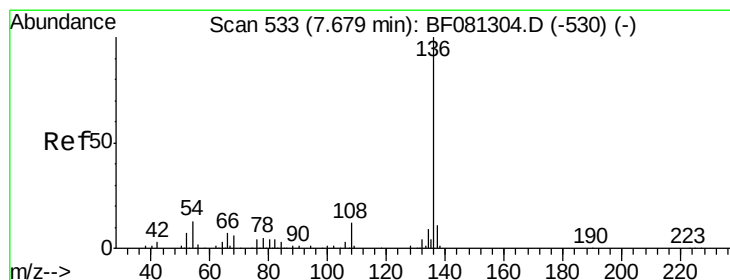
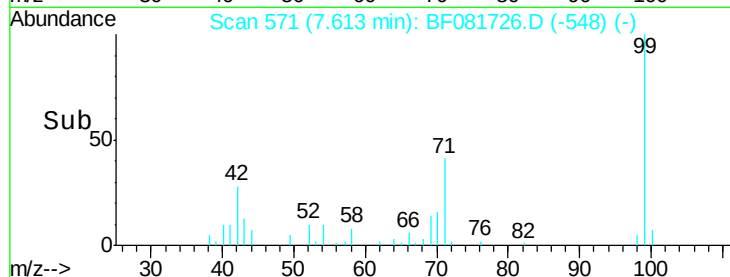
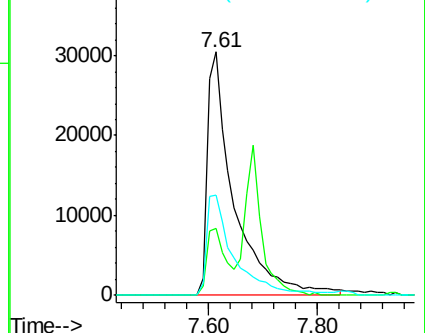
71 41.1 14.2 21.2#



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: 11.06 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081726.D

Acq: 21 Sep 2015 22:07

Tgt Ion: 136 Resp: 151305

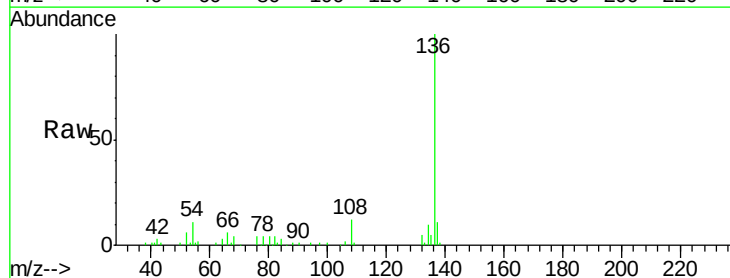
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 10.8 8.2 12.2

68 4.4 5.8 8.6#

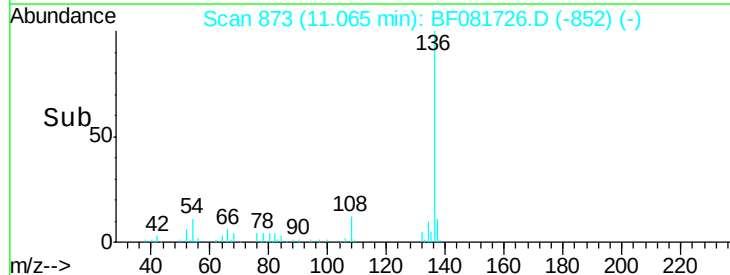
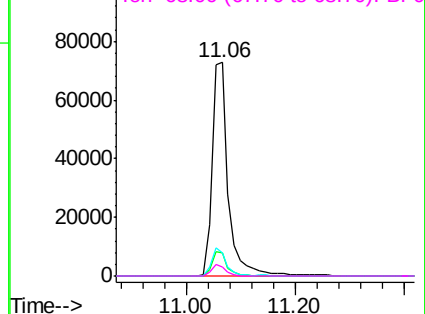


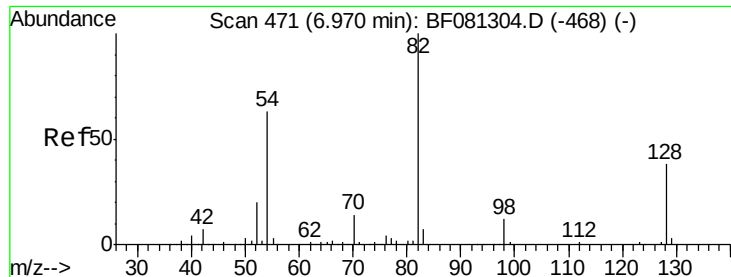
Abundance Ion 136.00 (135.70 to 136.70): E

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

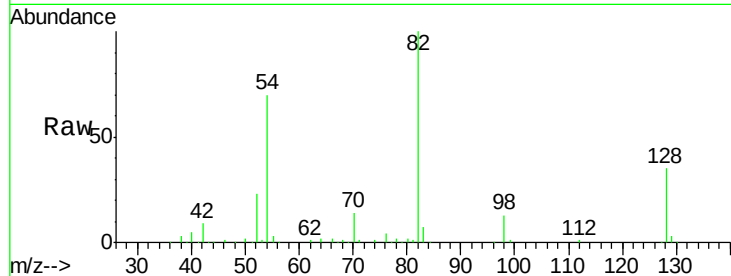




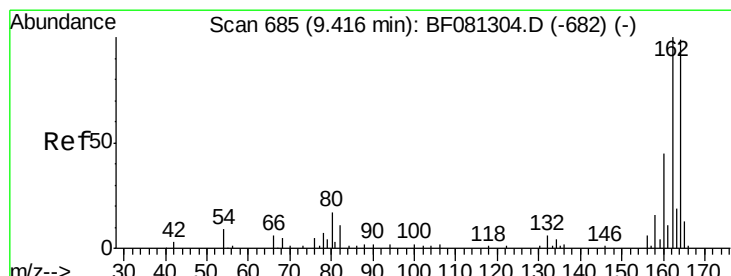
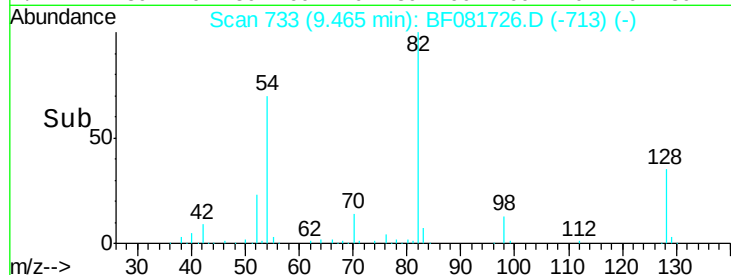
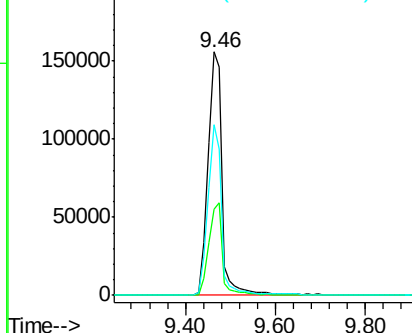
#23
 Nitrobenzene-d5
 Concen: 108.70 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Tot Ion: 82 Resp: 340878
 Ion Ratio Lower Upper
 82 100
 128 35.2 51.0 76.6#
 54 70.2 47.5 71.3

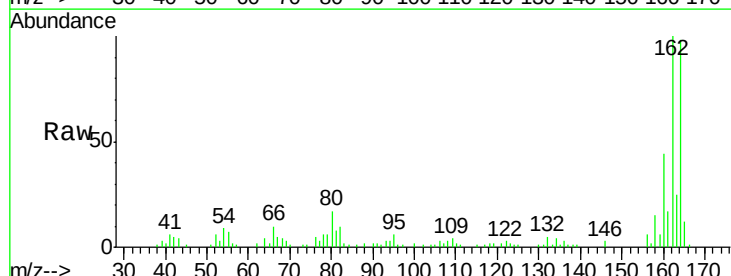


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

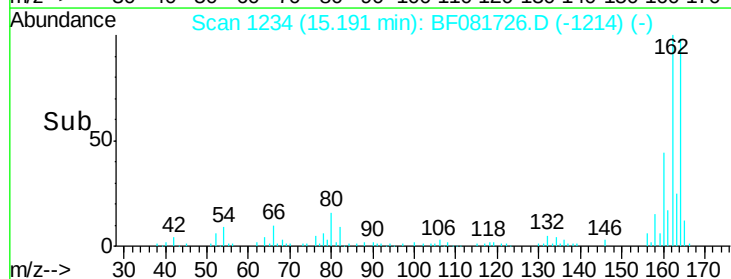
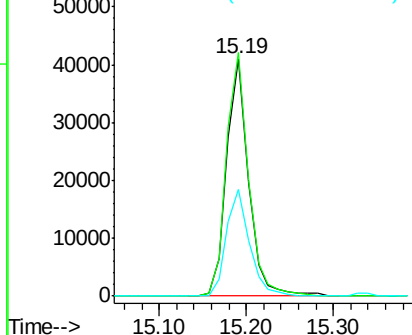


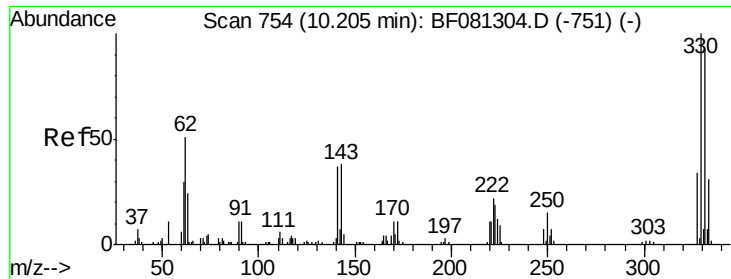
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Tgt Ion:164 Resp: 72777
 Ion Ratio Lower Upper
 164 100
 162 102.4 75.2 112.8
 160 44.9 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

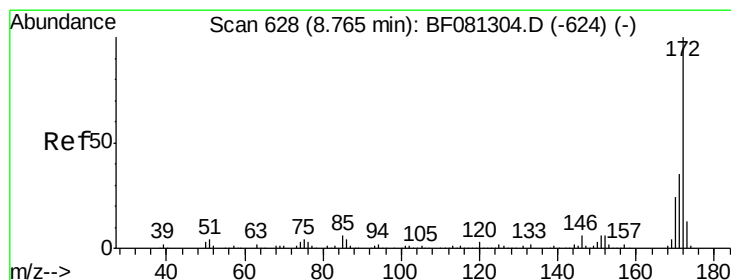
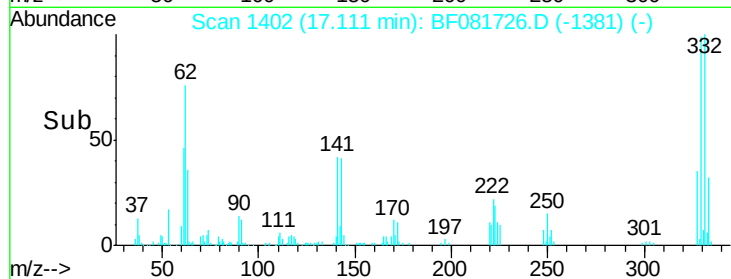
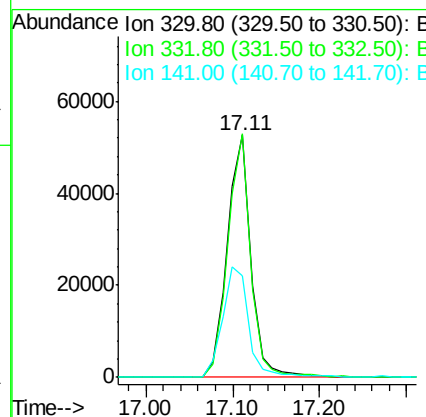
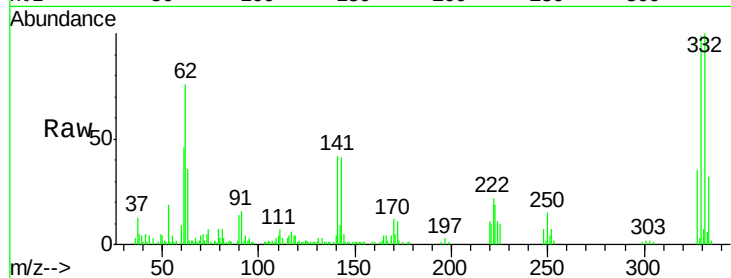




#41
 2,4,6-Tribromophenol
 Concen: 154.00 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

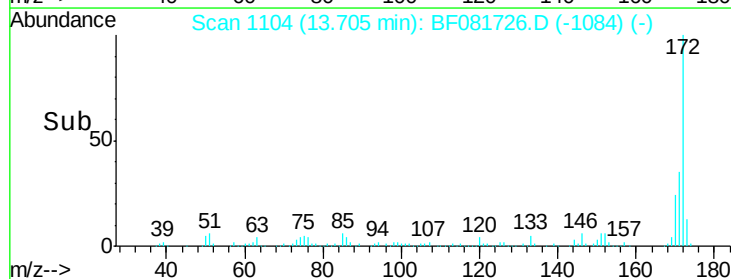
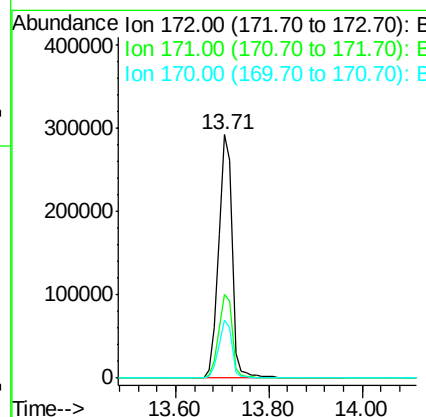
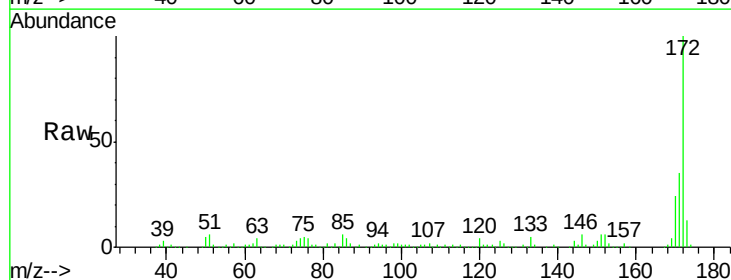
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

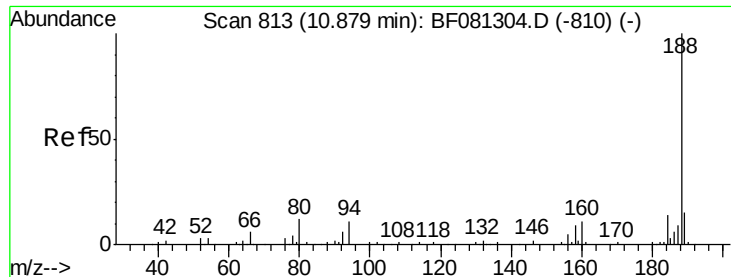
Tot Ion:330 Resp: 99794
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 50.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 104.00 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Tgt Ion:172 Resp: 590656
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.1 39.1
 170 23.9 17.4 26.2

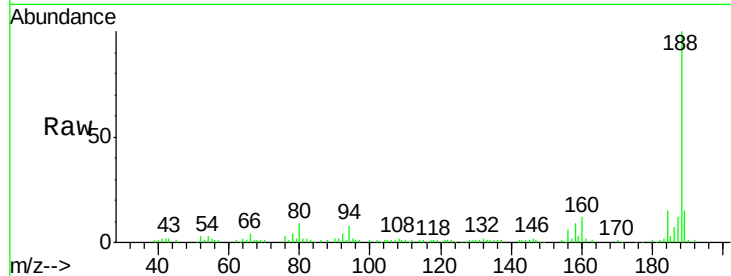




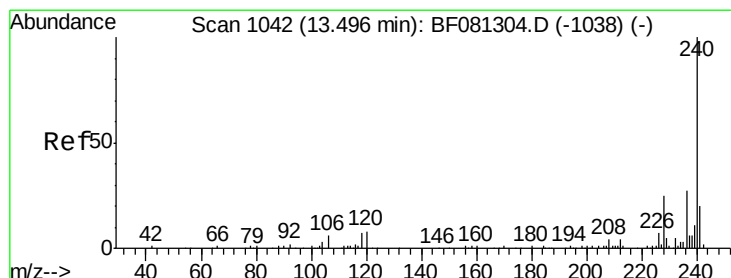
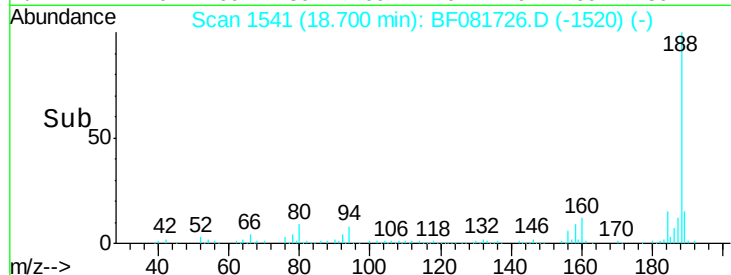
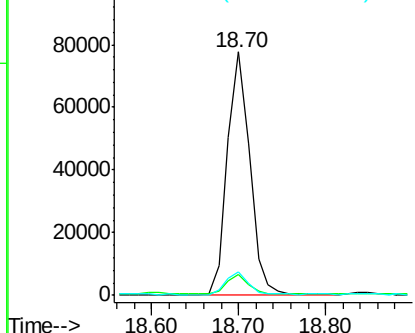
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081726.D
Acq: 21 Sep 2015 22:07

Instrument :
BNA_F
ClientSampleId :
LIP-22-9-17-15

Tot Ion:188 Resp: 141151
Ion Ratio Lower Upper
188 100
94 8.4 11.1 16.7#
80 9.4 11.0 16.4#

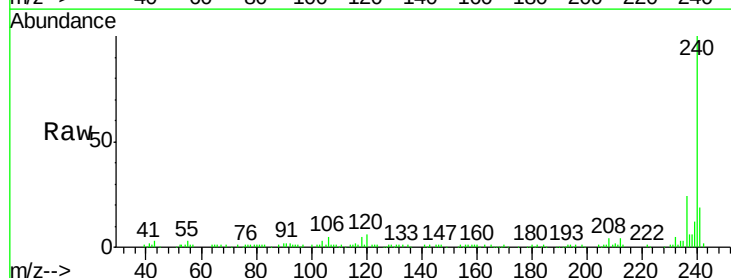


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

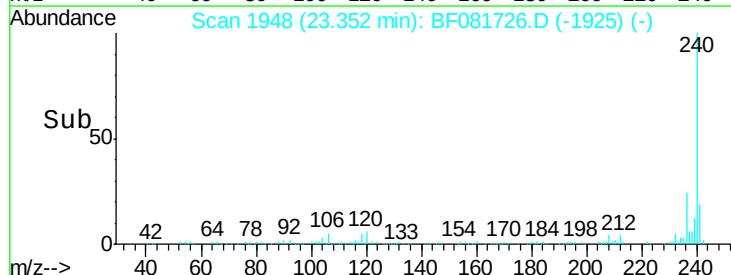
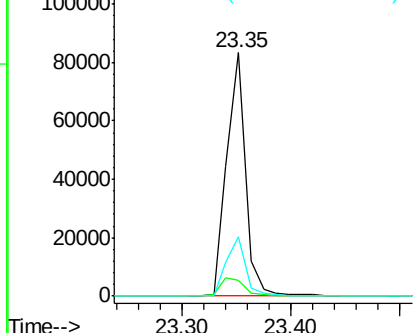


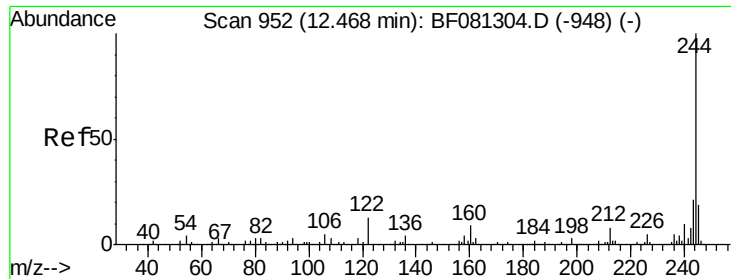
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081726.D
Acq: 21 Sep 2015 22:07

Tgt Ion:240 Resp: 100004
Ion Ratio Lower Upper
240 100
120 6.3 16.2 24.2#
236 24.4 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

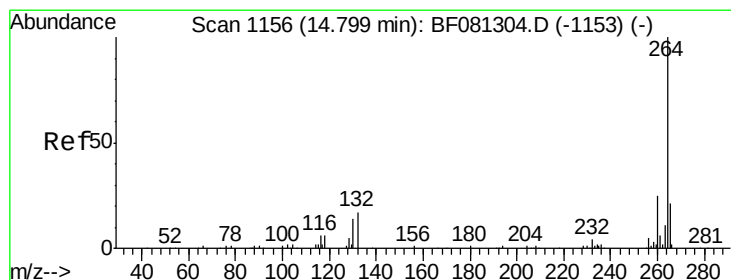
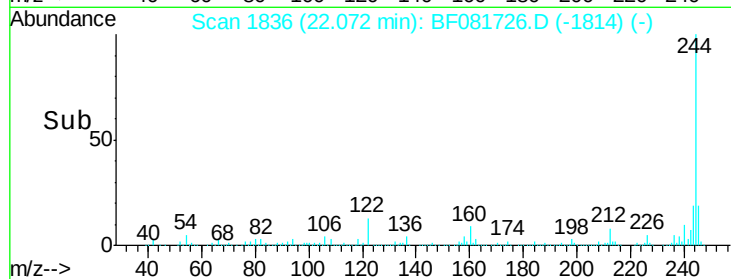
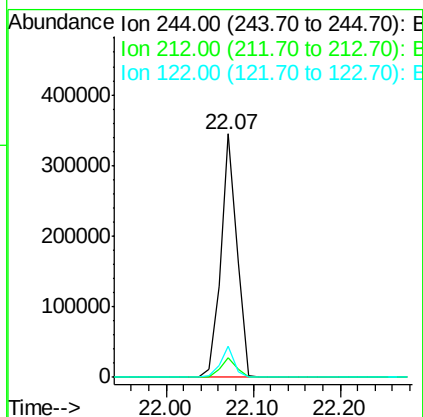
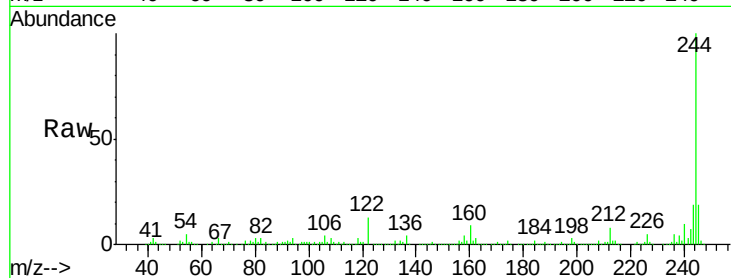




#78
 Terphenyl-d14
 Concen: 104.44 ng
 RT: 22.07 min Scan# 1836
 Delta R.T. -0.04 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-9-17-15

Tot Ion:244 Resp: 448685
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.3 6.5#
 122 12.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 2074
 Delta R.T. -0.02 min
 Lab File: BF081726.D
 Acq: 21 Sep 2015 22:07

Tgt Ion:264 Resp: 73039
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 20.6 17.2 25.8

