

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081066.D
 Acq On : 19 Aug 2015 4:50
 Operator : UM/IZ
 Sample : G3278-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB081215

Quant Time: Aug 19 06:03:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	61281	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	227413	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	123850	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	254928	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	254737	20.00	ng	-0.02
86) Perylene-d12	15.06	264	190930	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	225418	55.33	ng	-0.02
7) Phenol-d6	6.24	99	175427	33.00	ng	-0.02
23) Nitrobenzene-d5	7.18	82	453838	91.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	138751	129.24	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	707587	74.86	ng	-0.02
78) Terphenyl-d14	12.70	244	823727	69.32	ng	-0.01

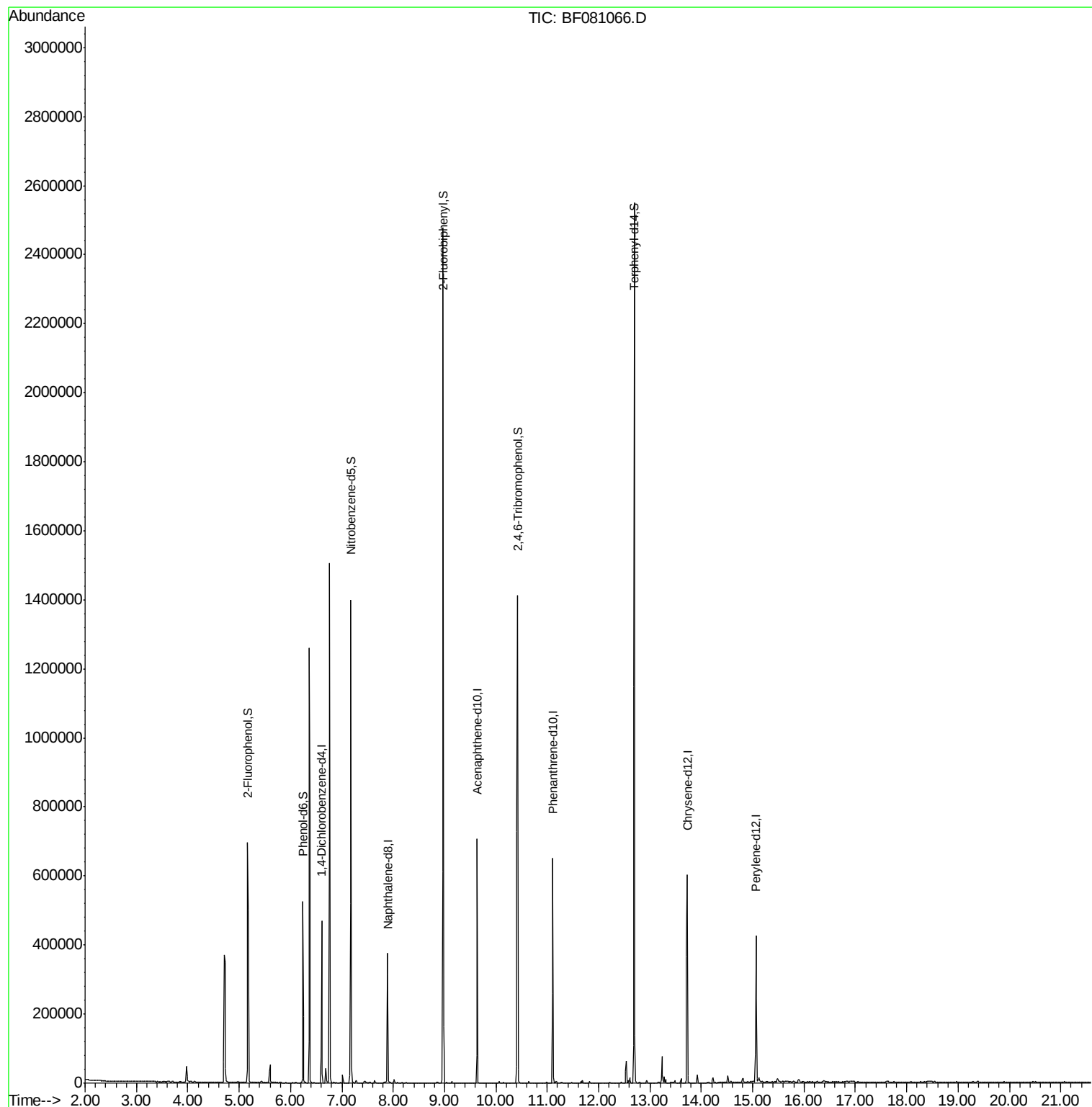
Target Compounds Qvalue

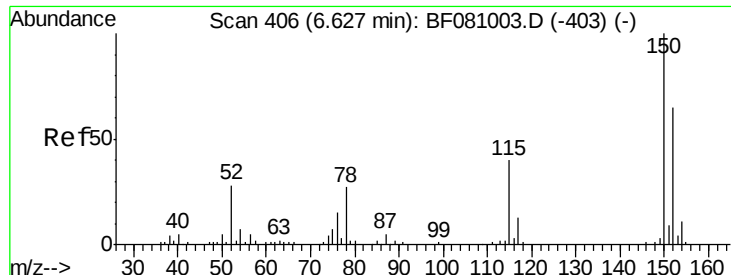
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081066.D
Acq On : 19 Aug 2015 4:50
Operator : UM/IZ
Sample : G3278-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB081215

Quant Time: Aug 19 06:03:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

FB081215

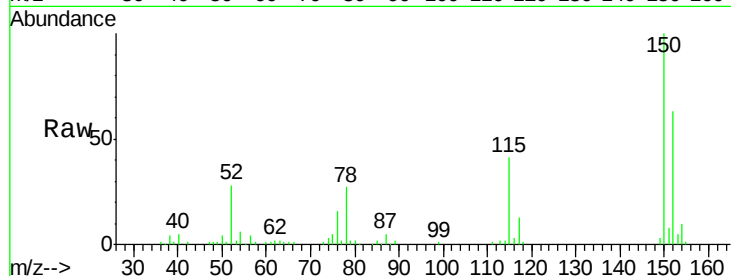
Tot Ion:152 Resp: 61281

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

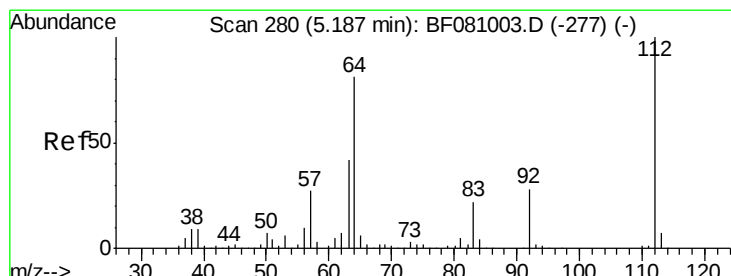
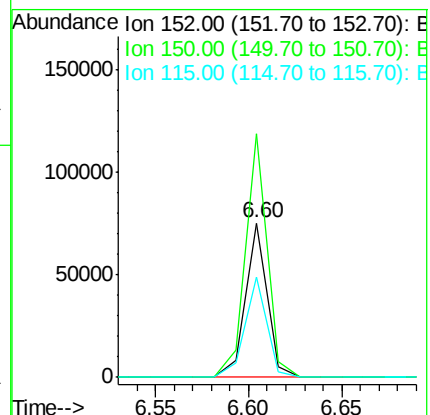
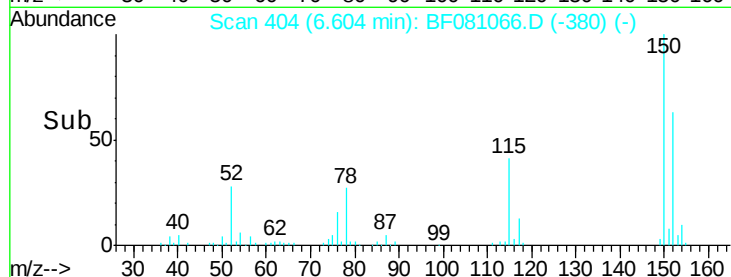
115 64.7 52.1 78.1



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: 55.33 ng

RT: 5.16 min Scan# 278

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

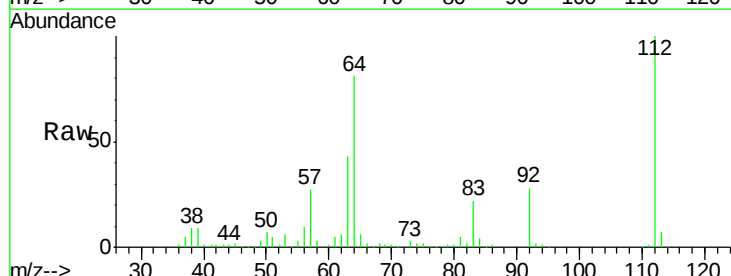
Tgt Ion:112 Resp: 225418

Ion Ratio Lower Upper

112 100

64 81.5 66.9 100.3

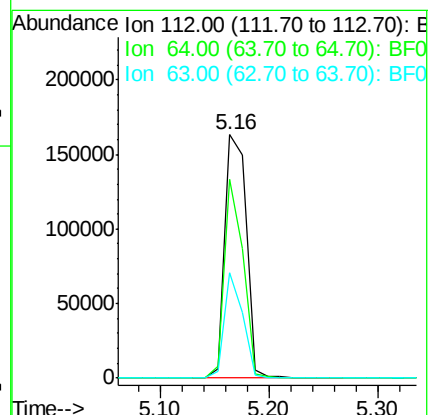
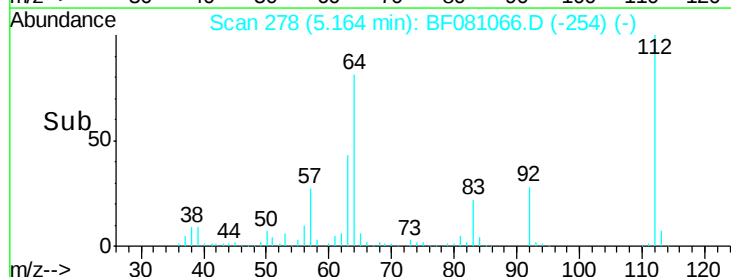
63 43.2 38.1 57.1

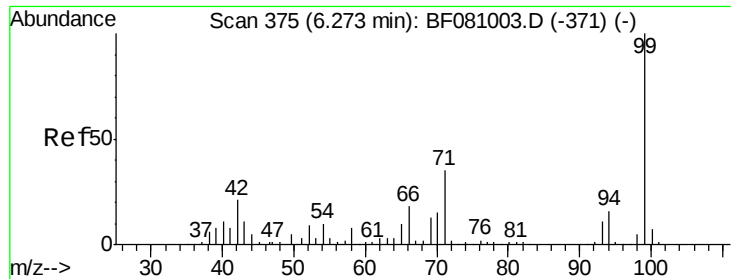


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.00 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

FB081215

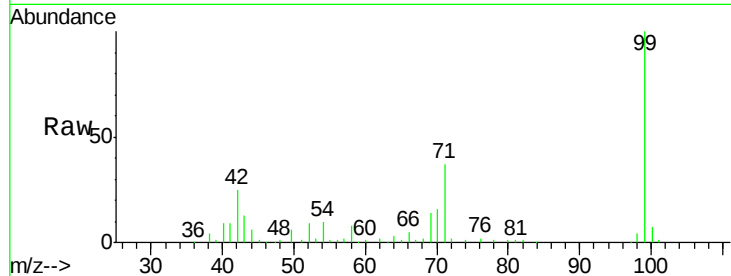
Tot Ion: 99 Resp: 175427

Ion Ratio Lower Upper

99 100

42 25.5 19.6 29.4

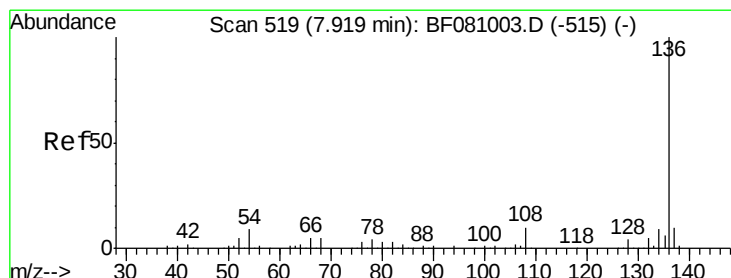
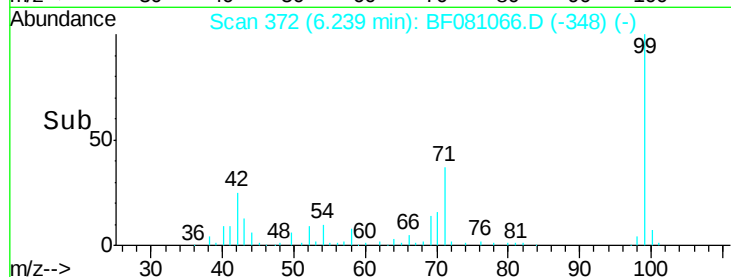
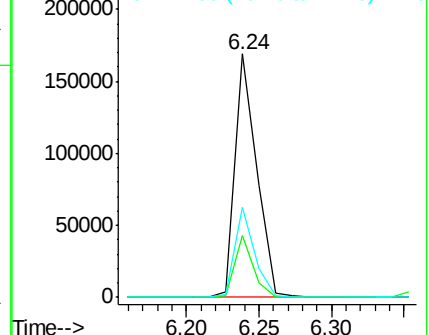
71 36.8 31.2 46.8



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: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Tgt Ion: 136 Resp: 227413

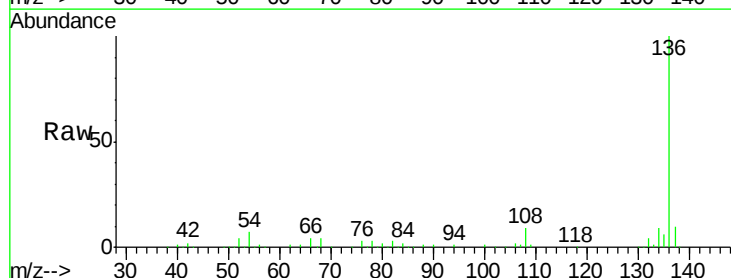
Ion Ratio Lower Upper

136 100

137 10.1 8.2 12.2

54 7.2 7.7 11.5#

68 4.0 3.4 5.2

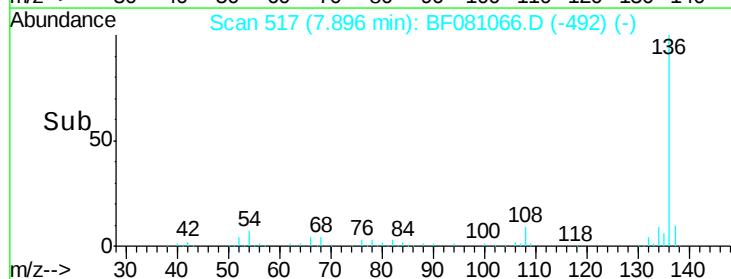
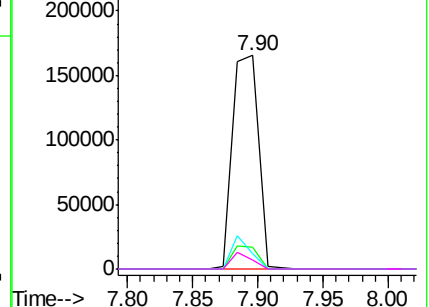


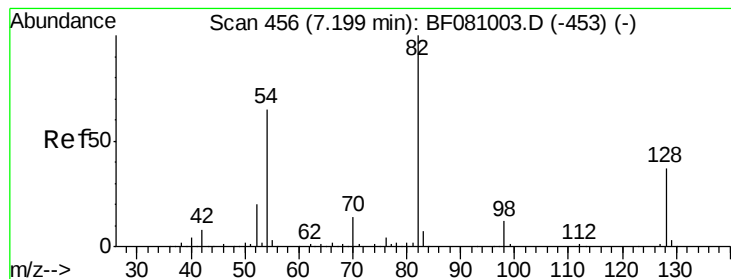
Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.16 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

FB081215

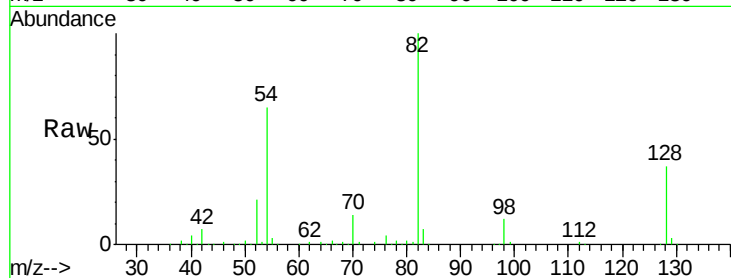
Tot Ion: 82 Resp: 453838

Ion Ratio Lower Upper

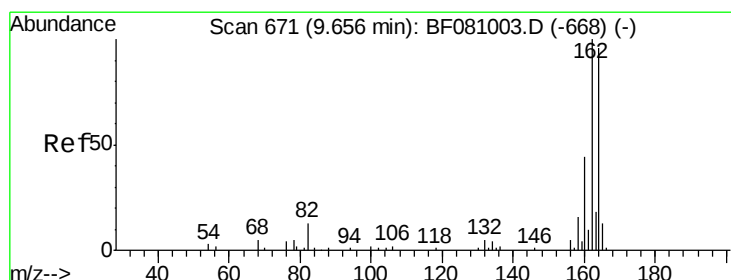
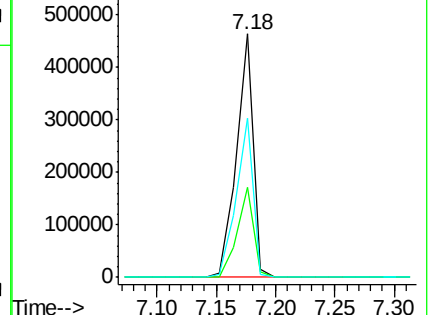
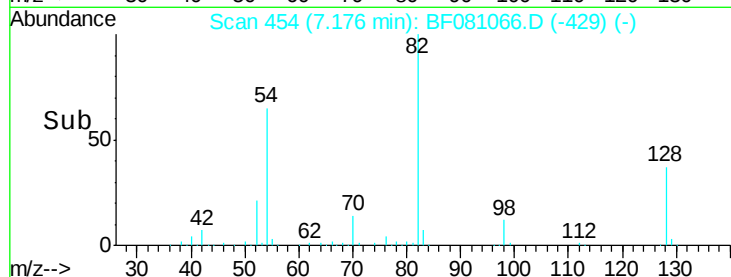
82 100

128 37.1 28.6 42.8

54 65.4 55.1 82.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

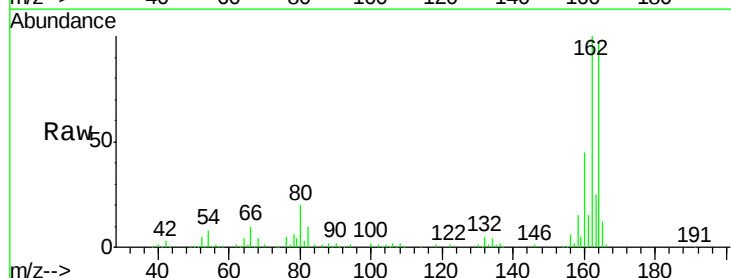
Tgt Ion: 164 Resp: 123850

Ion Ratio Lower Upper

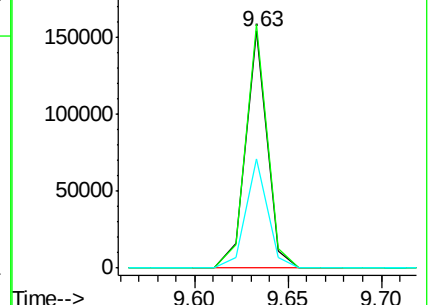
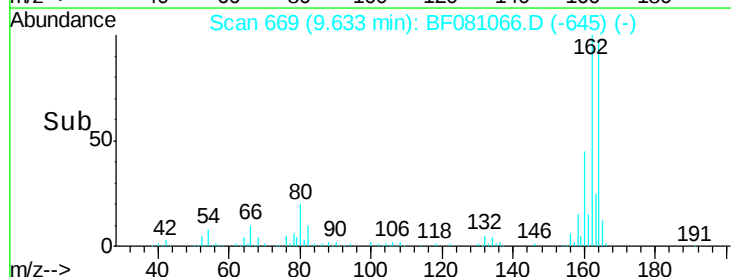
164 100

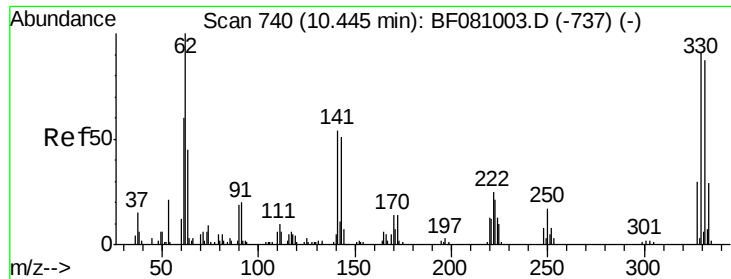
162 102.7 83.8 125.8

160 46.3 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

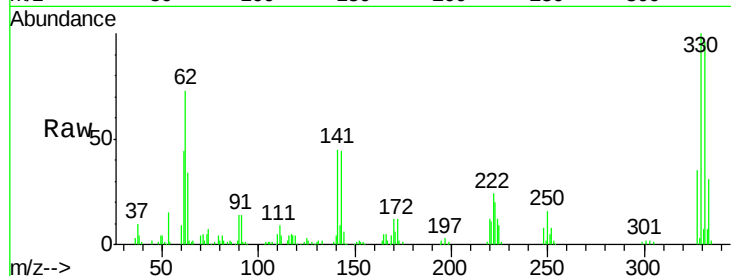




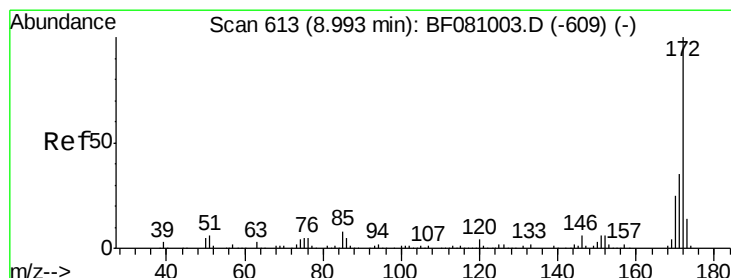
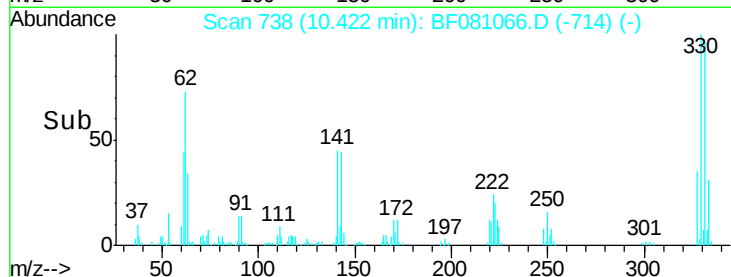
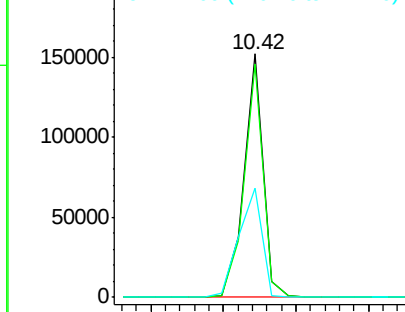
#41
 2,4,6-Tribromophenol
 Concen: 129.24 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Instrument :
 BNA_F
 ClientSampleId :
 FB081215

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	54.3	44.9	67.3

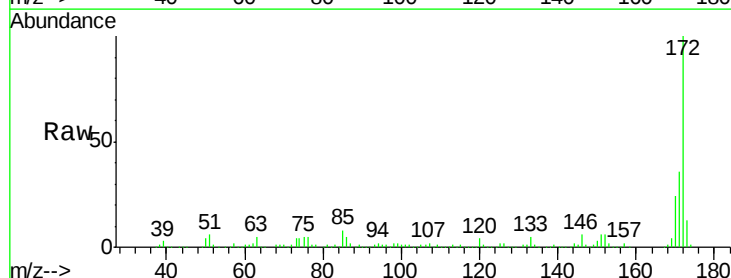


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

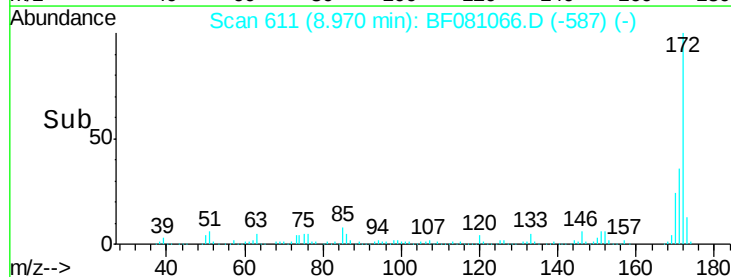
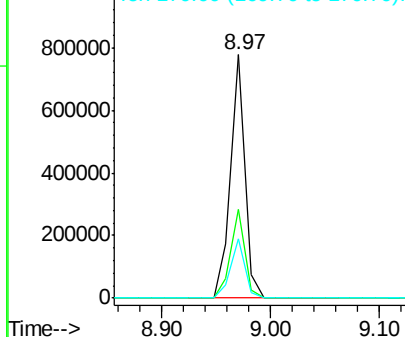


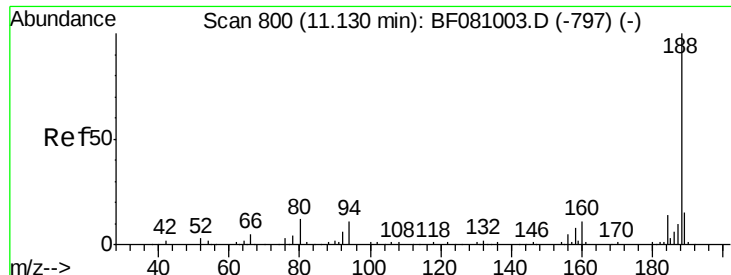
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2



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

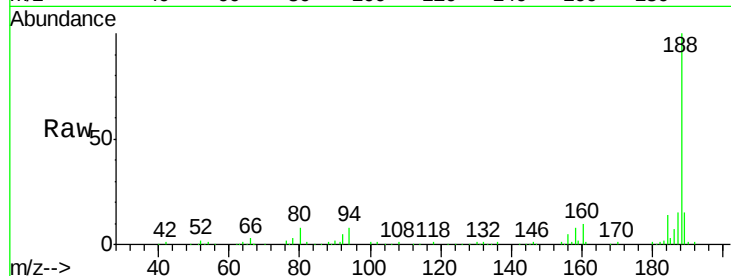




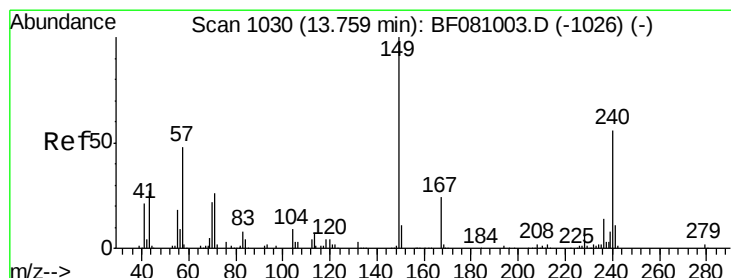
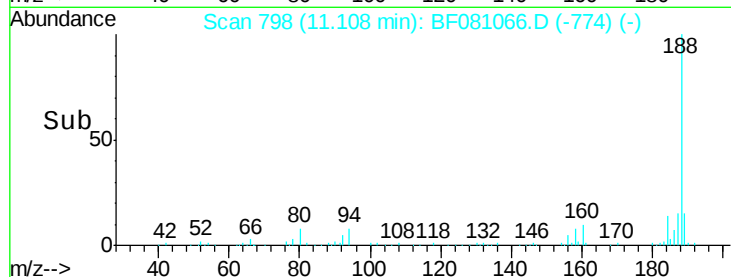
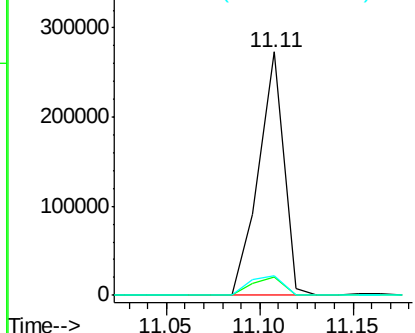
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

Instrument :
BNA_F
ClientSampleId :
FB081215

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.2	9.5	14.3#

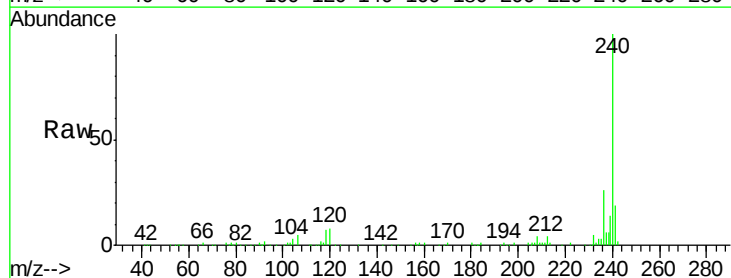


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

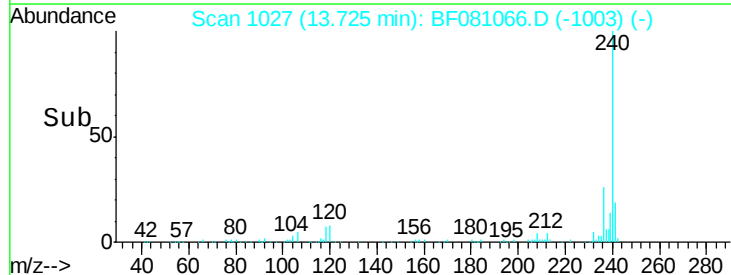
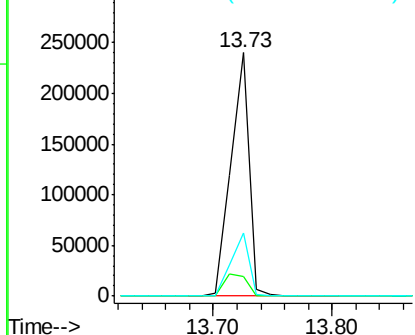


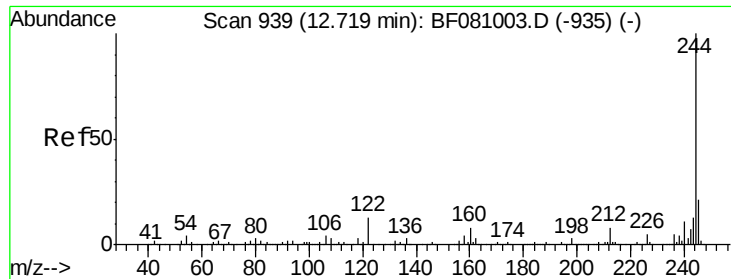
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.6	8.4
236	25.7	20.6	30.8



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

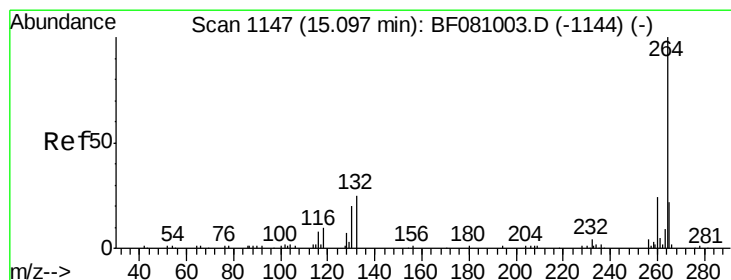
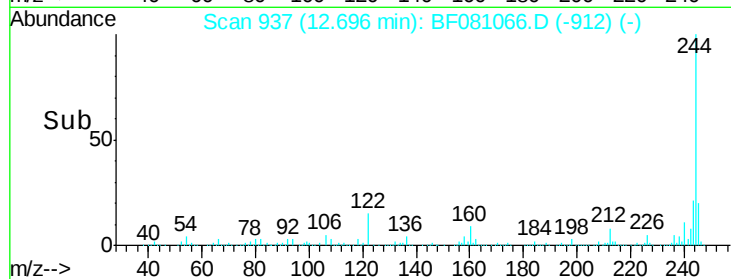
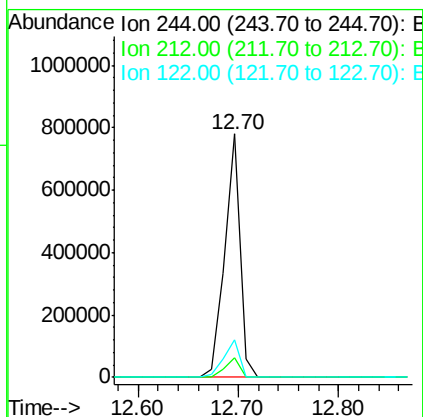
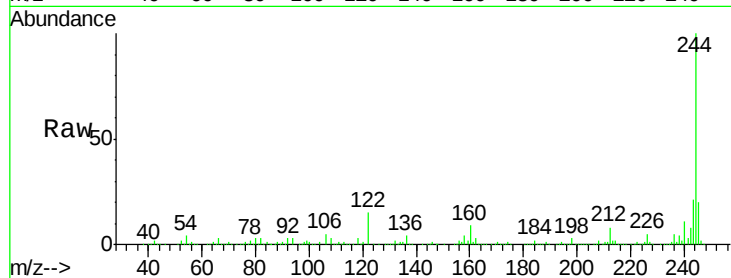




#78
 Terphenyl-d14
 Concen: 69.32 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Instrument :
 BNA_F
 ClientSampleId :
 FB081215

Tot Ion:244 Resp: 823727
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Tgt Ion:264 Resp: 190930
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 20.8 17.5 26.3

