

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032315\
 Data File : BF077906.D
 Acq On : 23 Mar 2015 20:49
 Operator : TP/IZ
 Sample : G1613-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Quant Time: Mar 24 03:53:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	37536	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	157314	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	78324	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	163160	20.00	ng	-0.01
75) Chrysene-d12	15.97	240	189561	20.00	ng	-0.03
86) Perylene-d12	17.67	264	184719	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	154541	71.87	ng	0.00
7) Phenol-d6	6.69	99	231299	87.06	ng	0.00
23) Nitrobenzene-d5	7.81	82	121392	50.58	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	62210	83.01	ng	-0.01
44) 2-Fluorobiphenyl	10.04	172	315184	59.14	ng	0.00
78) Terphenyl-d14	14.69	244	403836	52.04	ng	0.00

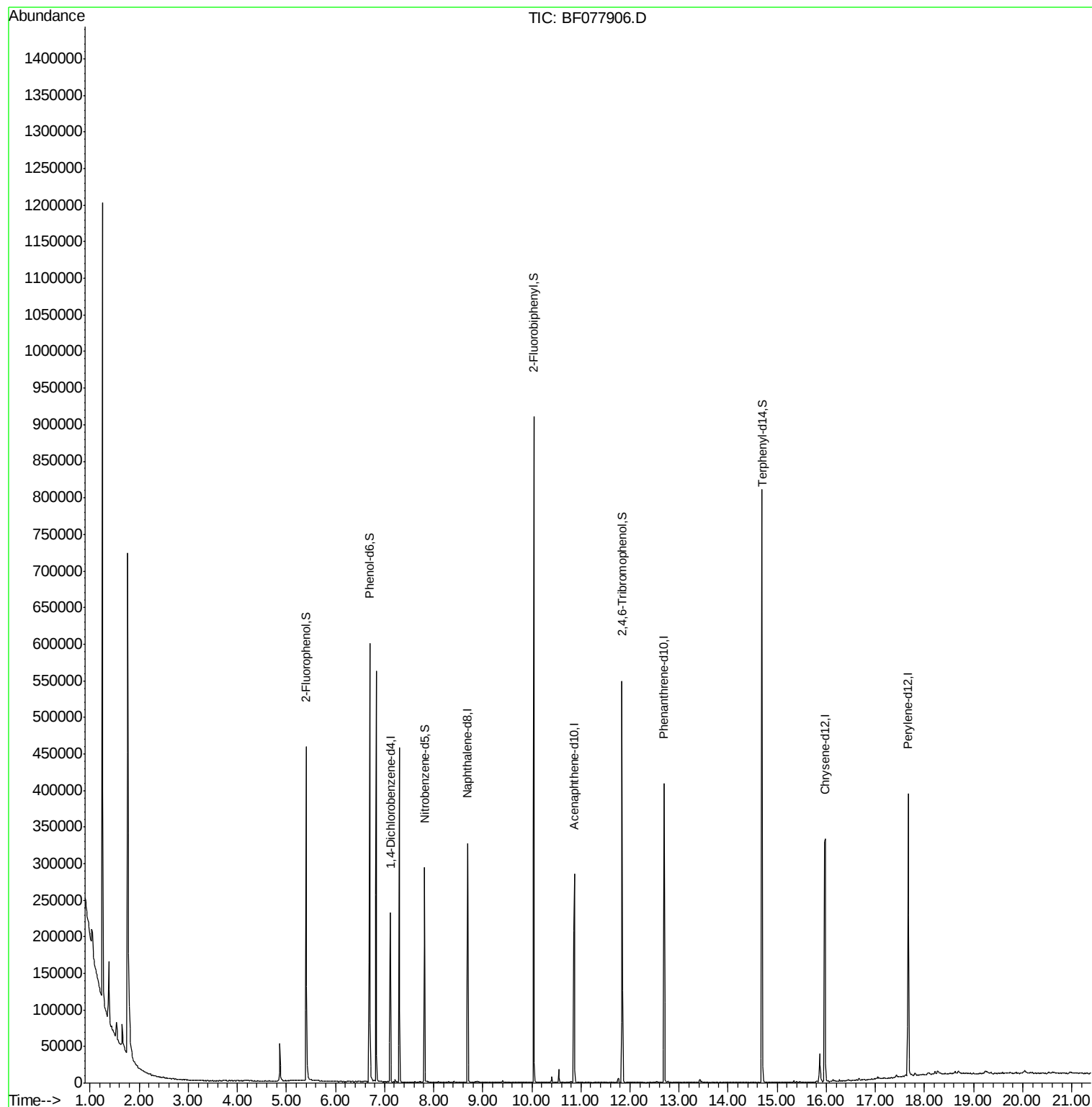
Target Compounds Qvalue

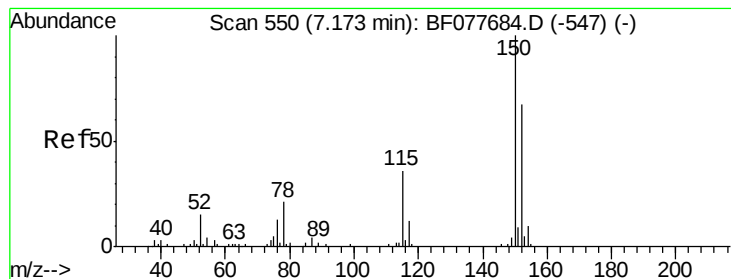
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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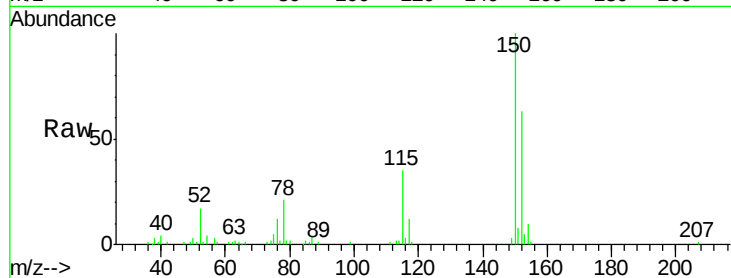


#1

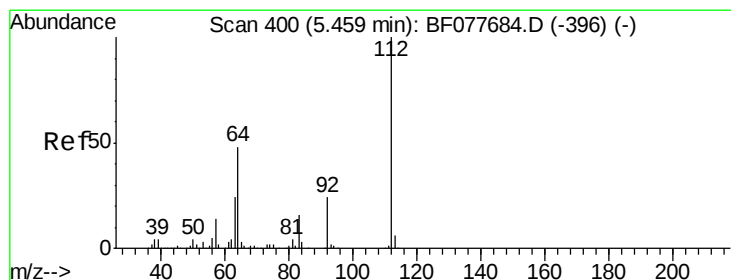
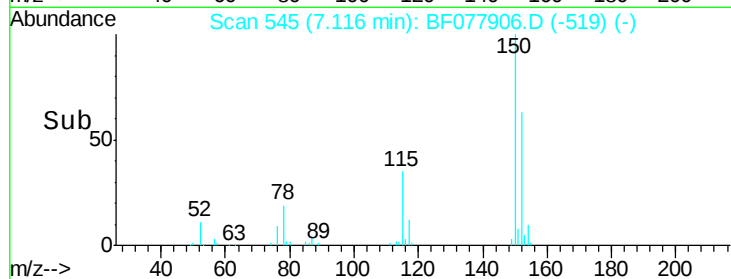
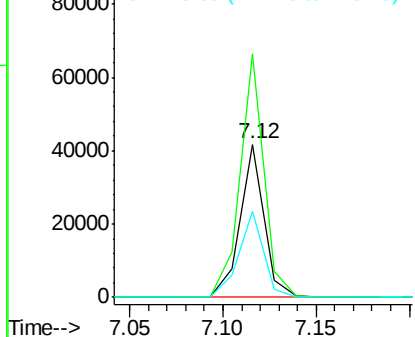
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-9

Tot Ion:152 Resp: 37536
Ion Ratio Lower Upper
152 100
150 159.0 119.5 179.3
115 56.1 43.0 64.4



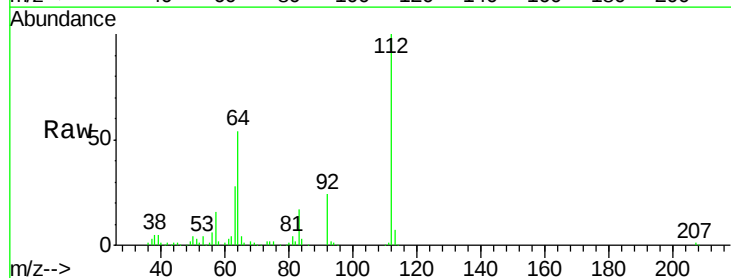
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



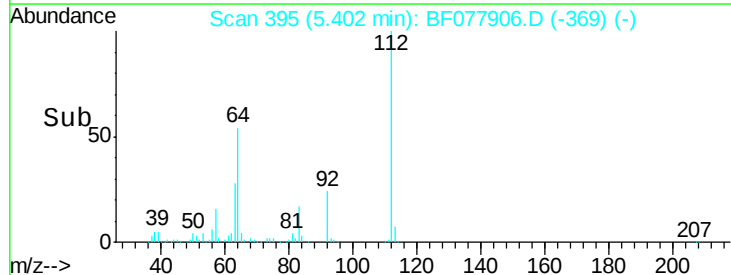
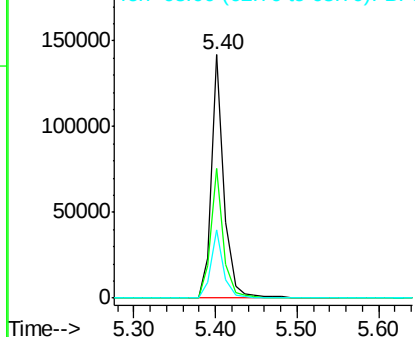
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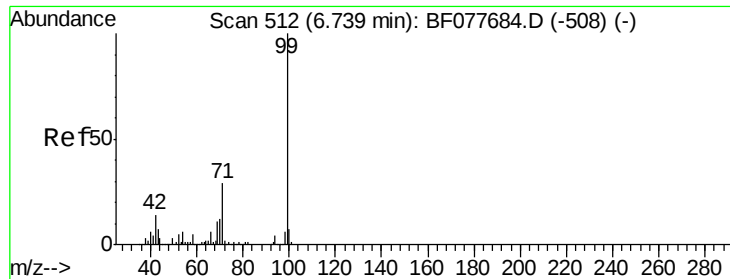
2-Fluorophenol
Concen: 71.87 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

Tgt Ion:112 Resp: 154541
Ion Ratio Lower Upper
112 100
64 53.5 38.6 57.8
63 27.8 19.3 28.9



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: 87.06 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077906.D

Acq: 23 Mar 2015 20:49

Instrument :

BNA_F

ClientSampleId :

SB-9

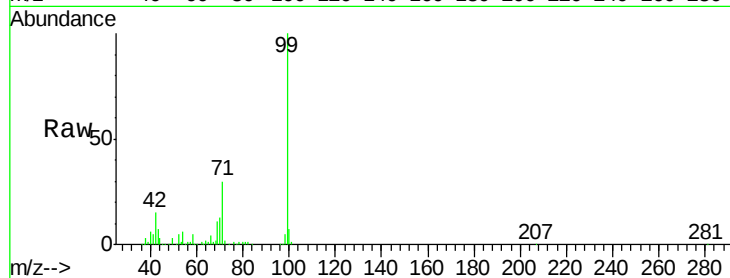
Tot Ion: 99 Resp: 231299

Ion Ratio Lower Upper

99 100

42 14.7 11.0 16.4

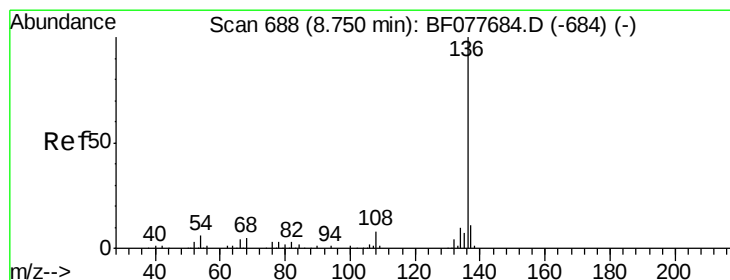
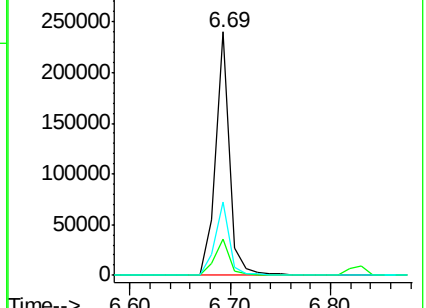
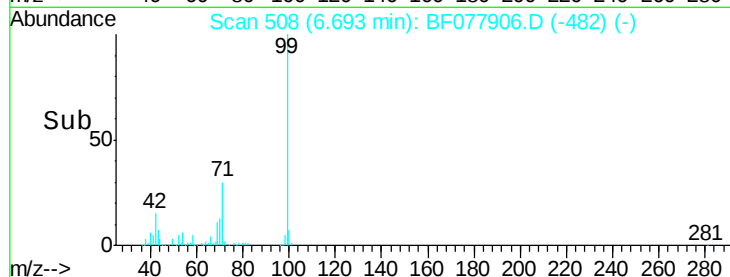
71 30.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.69 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF077906.D

Acq: 23 Mar 2015 20:49

Tgt Ion: 136 Resp: 157314

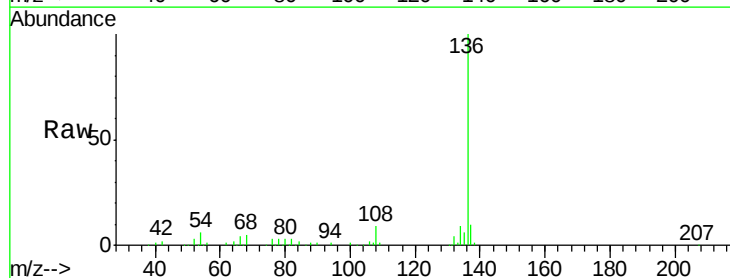
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.3 4.6 6.8

68 5.0 3.7 5.5

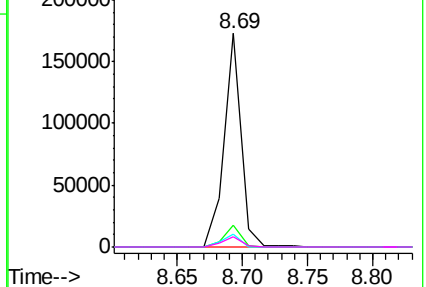
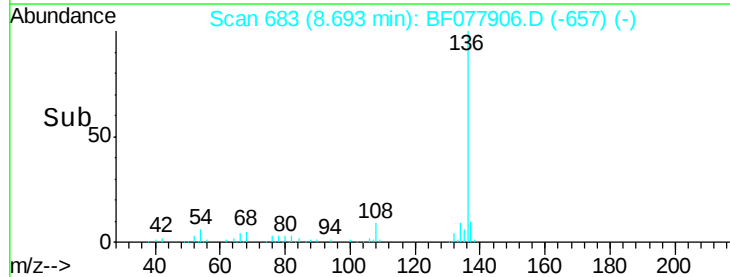


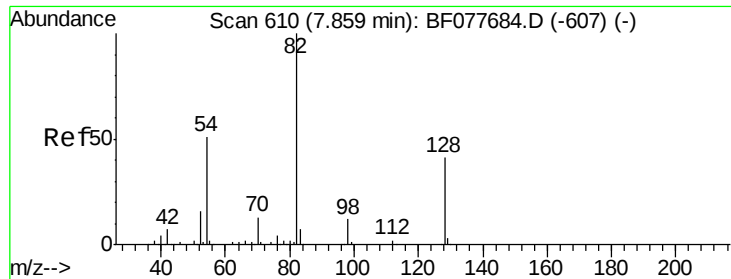
Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)

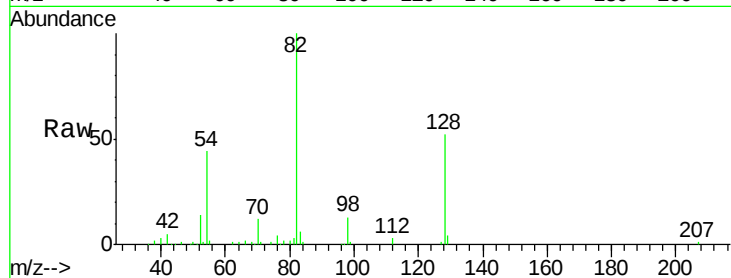




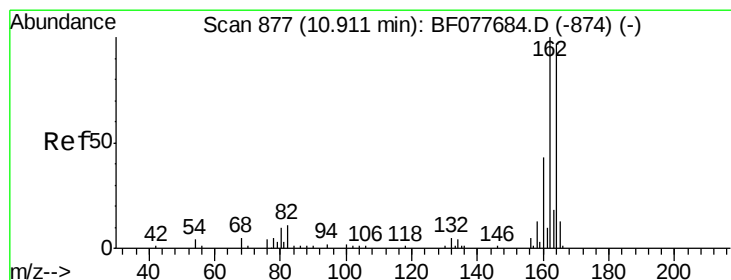
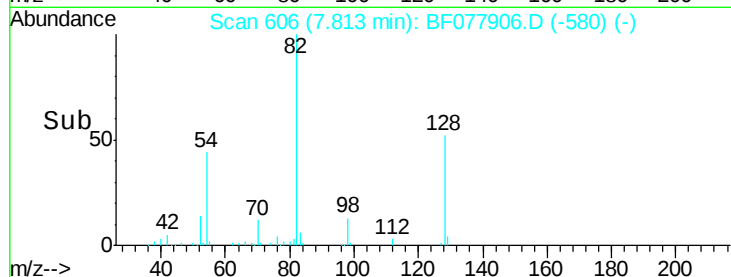
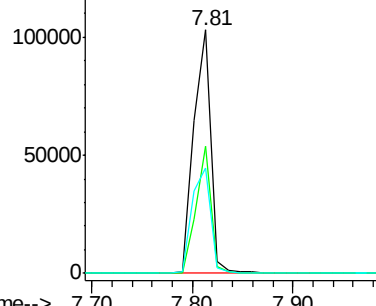
#23
Nitrobenzene-d5
Concen: 50.58 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

Instrument :
BNA_F
ClientSampleId :
SB-9

Tot Ion: 82 Resp: 121392
Ion Ratio Lower Upper
82 100
128 52.0 32.8 49.2#
54 43.5 40.6 60.8

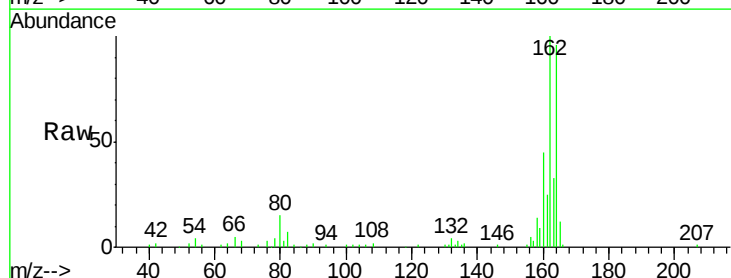


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

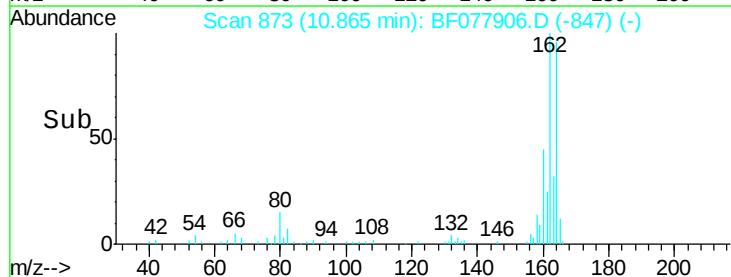
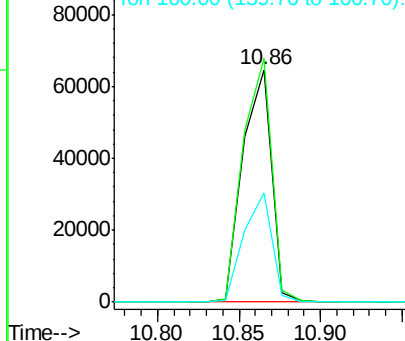


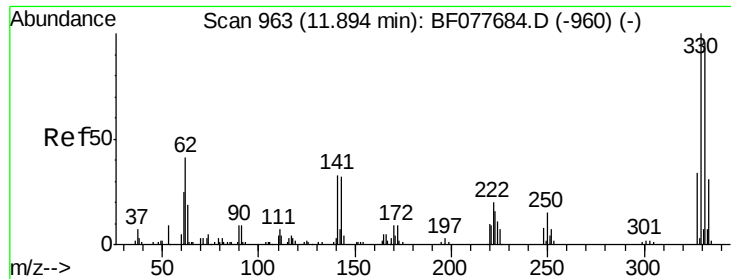
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

Tgt Ion: 164 Resp: 78324
Ion Ratio Lower Upper
164 100
162 104.6 82.4 123.6
160 46.9 35.8 53.6



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

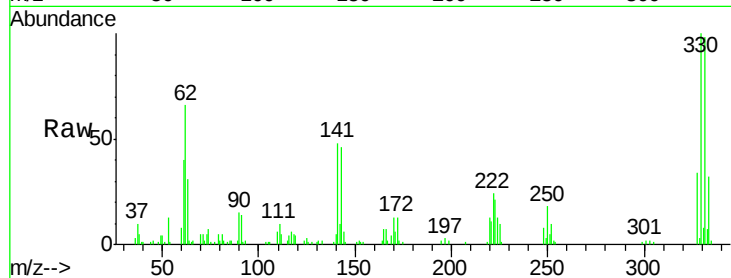




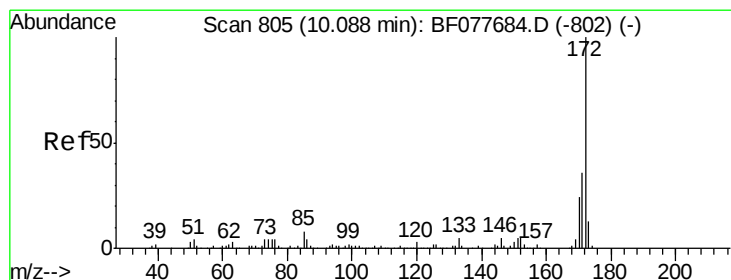
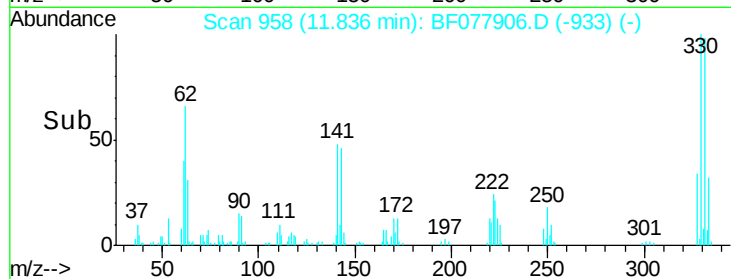
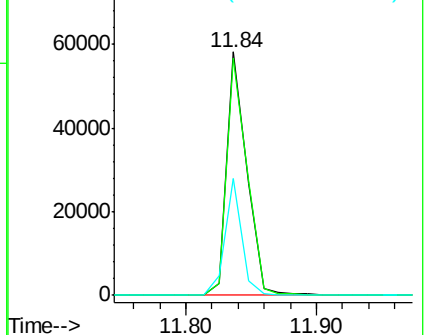
#41
 2,4,6-Tribromophenol
 Concen: 83.01 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF077906.D
 Acq: 23 Mar 2015 20:49

Instrument :
 BNA_F
 ClientSampled :
 SB-9

Tot Ion:330 Resp: 62210
 Ion Ratio Lower Upper
 330 100
 332 98.6 0.0 0.0#
 141 40.2 0.0 0.0#

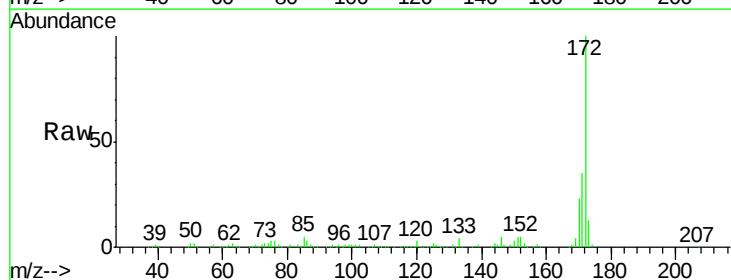


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

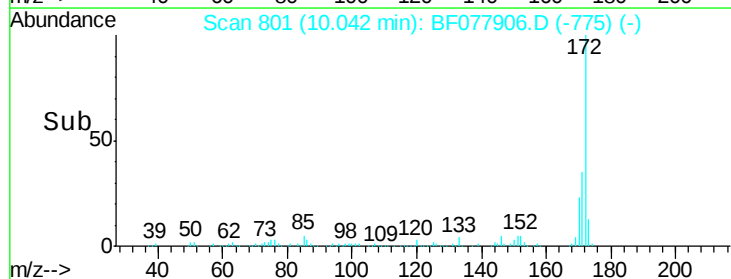
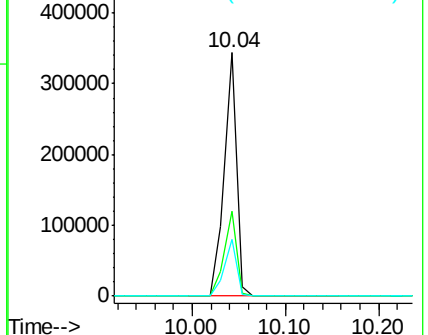


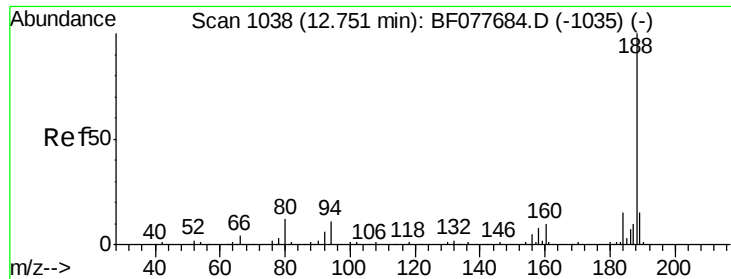
#44
 2-Fluorobiphenyl
 Concen: 59.14 ng
 RT: 10.04 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF077906.D
 Acq: 23 Mar 2015 20:49

Tgt Ion:172 Resp: 315184
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.2 18.8 28.2



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

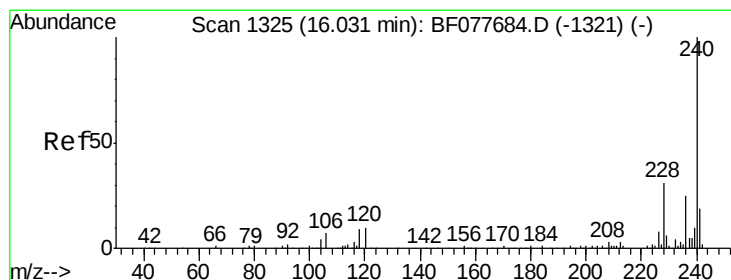
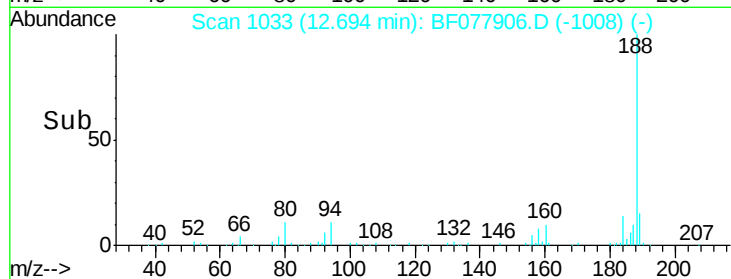
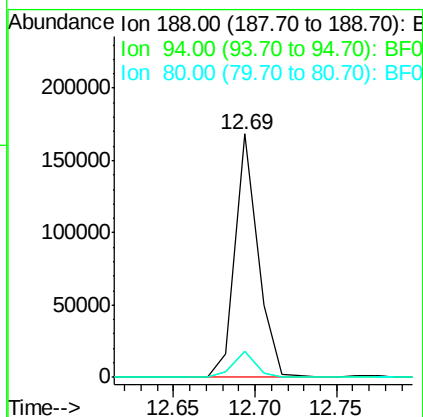
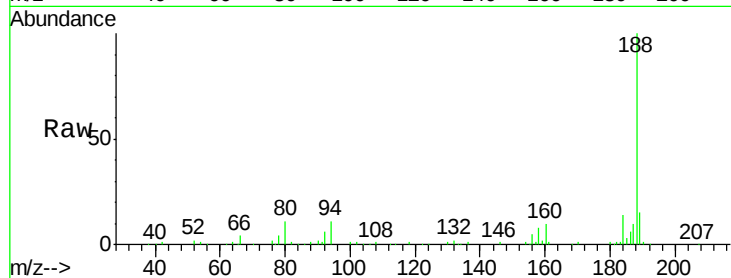




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

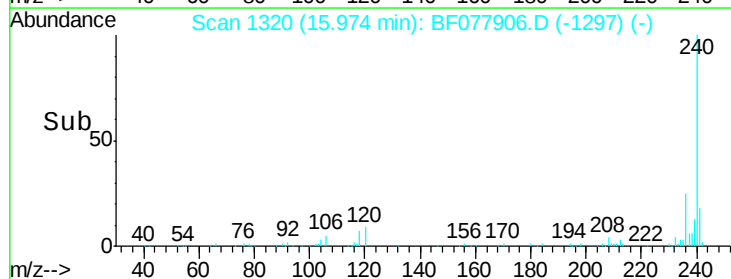
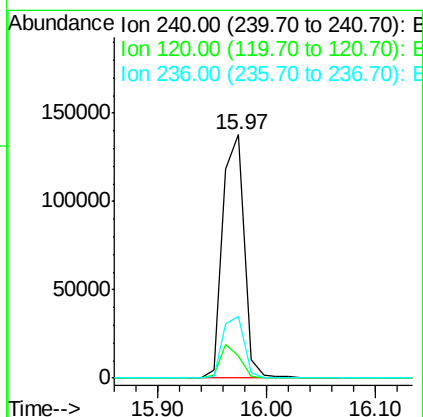
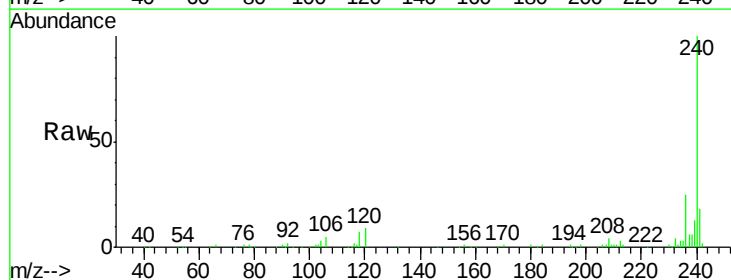
Instrument :
BNA_F
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SB-9

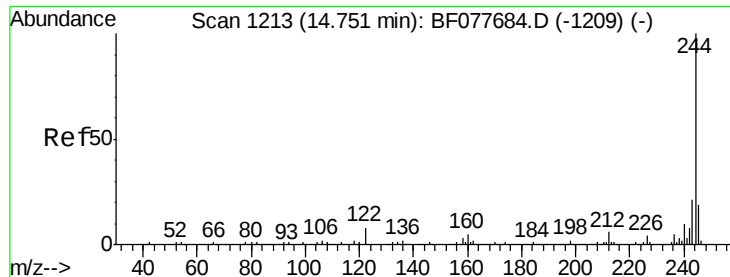
Tot Ion:188 Resp: 163160
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF077906.D
Acq: 23 Mar 2015 20:49

Tgt Ion:240 Resp: 189561
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 25.4 20.0 30.0

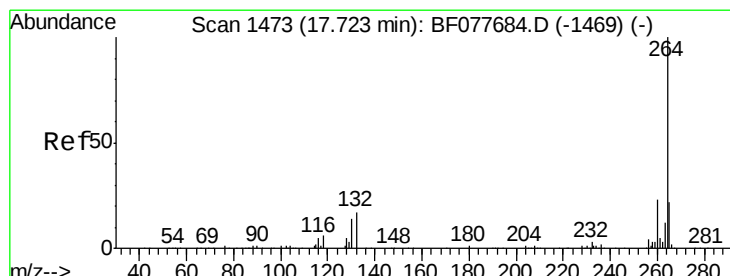
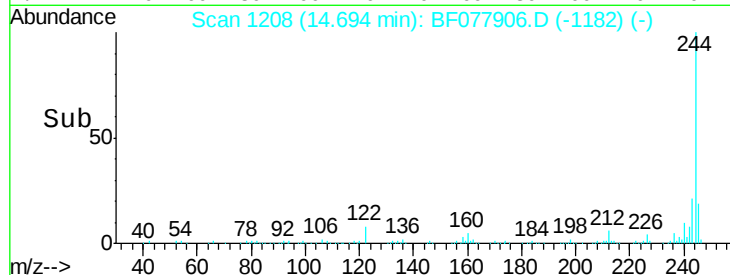
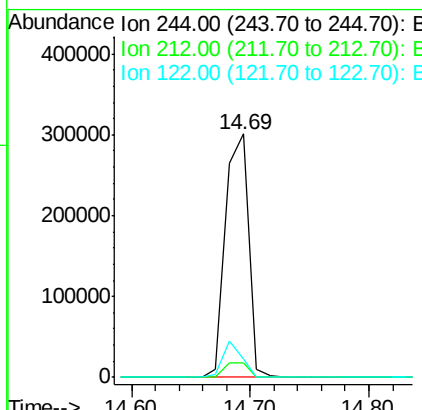
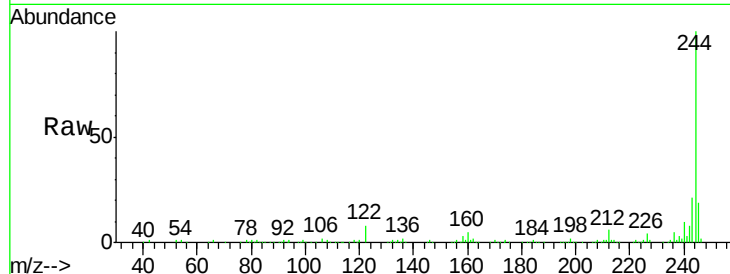




#78
 Terphenyl-d14
 Concen: 52.04 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF077906.D
 Acq: 23 Mar 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-9

Tot Ion:244 Resp: 403836
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.9 7.3
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1468
 Delta R.T. -0.16 min
 Lab File: BF077906.D
 Acq: 23 Mar 2015 20:49

Tgt Ion:264 Resp: 184719
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 22.1 17.3 25.9

