

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091053.D
 Acq On : 7 Nov 2016 14:04
 Operator : UM/SJ
 Sample : PB94546BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BL

Quant Time: Nov 07 17:52:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	175125	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	724473	20.00	ng	-0.05
38) Acenaphthene-d10	9.71	164	408205	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	642996	20.00	ng	-0.05
75) Chrysene-d12	13.83	240	568844	20.00	ng	-0.03
86) Perylene-d12	15.20	264	475935	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1293995	122.03	ng	-0.02
7) Phenol-d6	6.33	99	2009003	139.59	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1251971	94.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	424619	115.06	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1804975	76.13	ng	-0.03
78) Terphenyl-d14	12.79	244	2041177	89.54	ng	-0.02

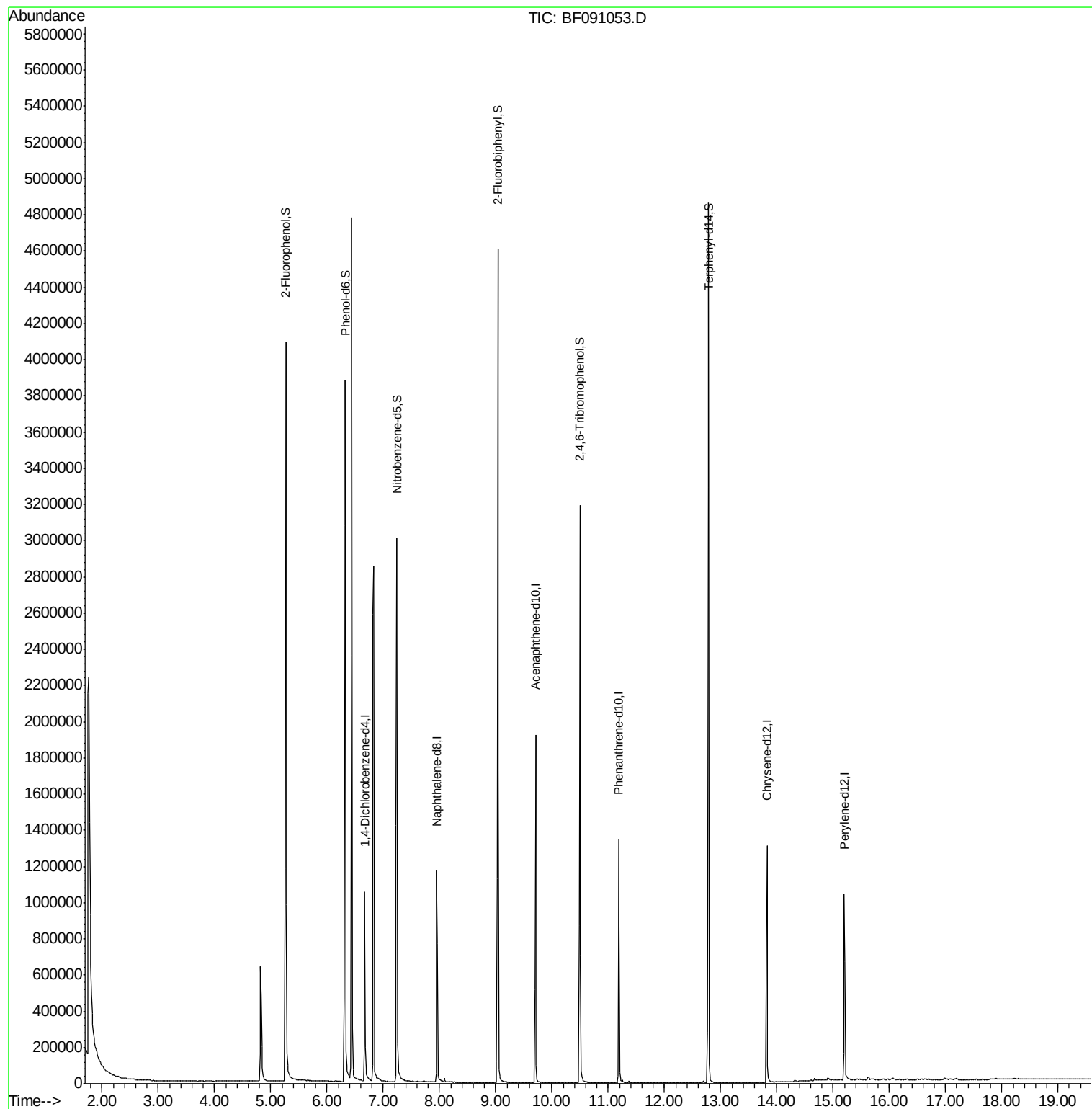
Target Compounds Qvalue

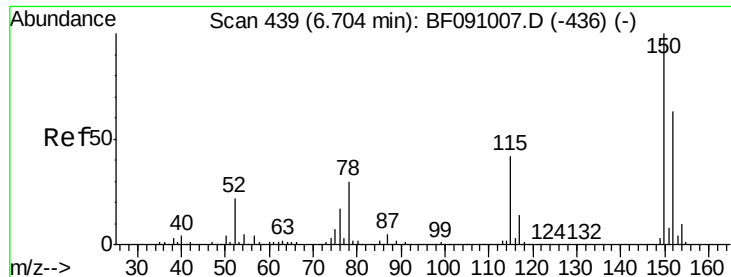
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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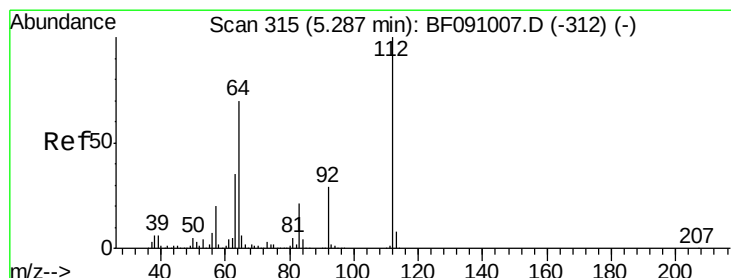
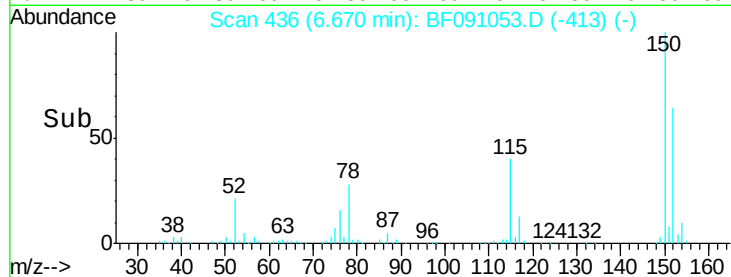
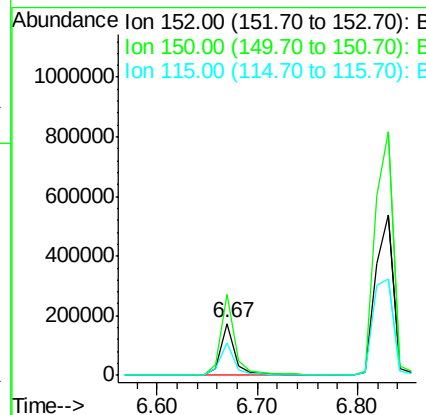
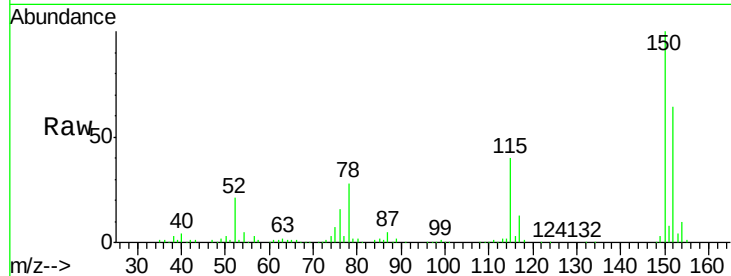


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091053.D
Acq: 7 Nov 2016 14:04

Instrument :
BNA_F
ClientSampled :
PB94546BL

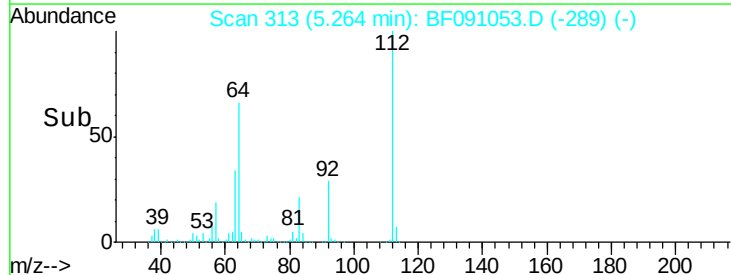
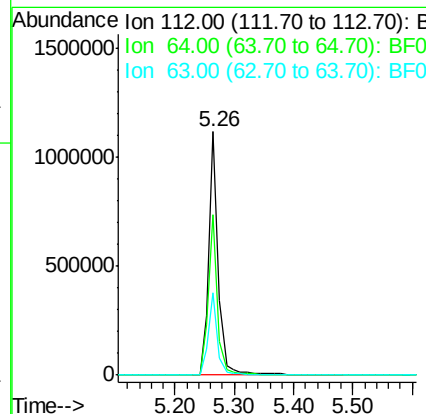
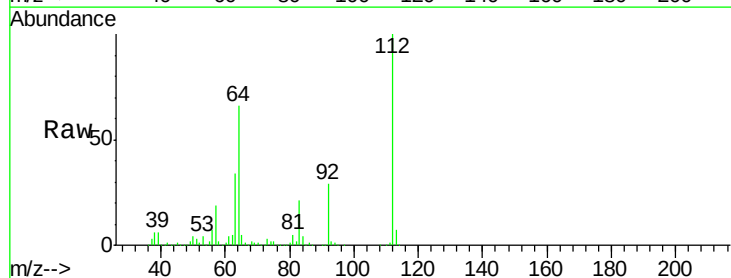
Tot Ion:152 Resp: 175125
Ion Ratio Lower Upper
152 100
150 156.6 126.8 190.2
115 62.7 53.3 79.9

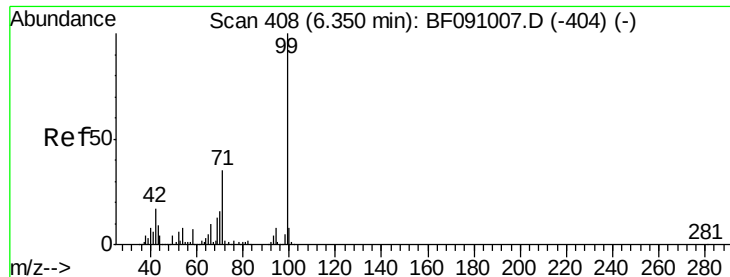


#5

2-Fluorophenol
Concen: 122.03 ng
RT: 5.26 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF091053.D
Acq: 7 Nov 2016 14:04

Tgt Ion:112 Resp: 1293995
Ion Ratio Lower Upper
112 100
64 65.9 55.8 83.6
63 33.6 28.0 42.0





#7

Phenol-d6

Concen: 139.59 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091053.D

Acq: 7 Nov 2016 14:04

Instrument :

BNA_F

ClientSampleId :

PB94546BL

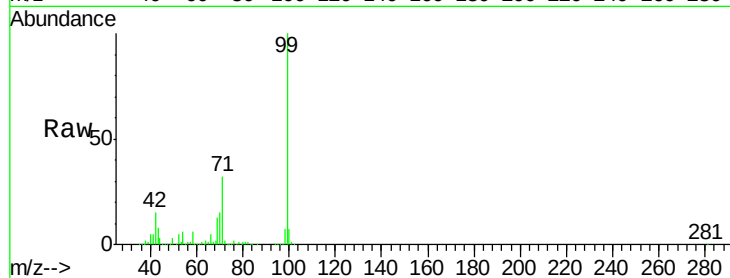
Tot Ion: 99 Resp: 2009003

Ion Ratio Lower Upper

99 100

42 14.7 13.9 20.9

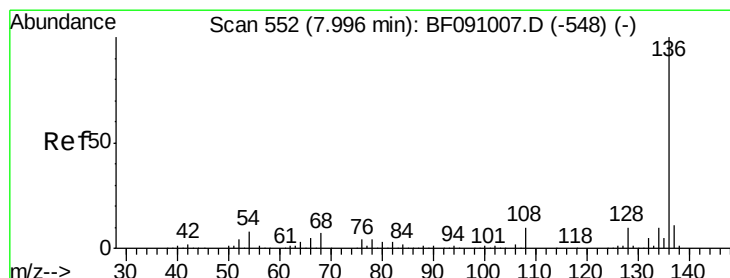
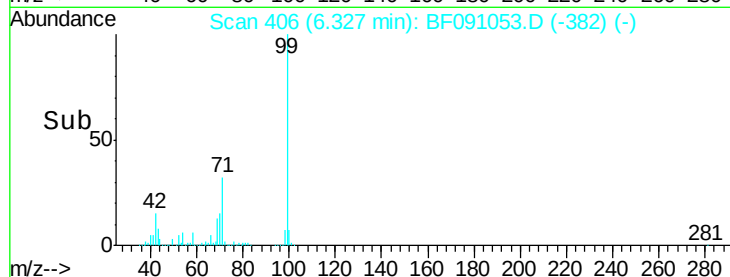
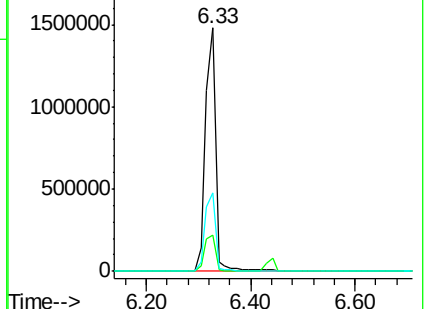
71 32.3 27.8 41.8



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: 7.95 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF091053.D

Acq: 7 Nov 2016 14:04

Tgt Ion: 136 Resp: 724473

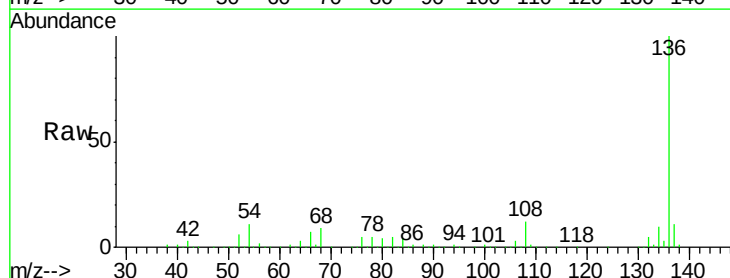
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 11.5 6.2 9.2#

68 9.2 5.5 8.3#

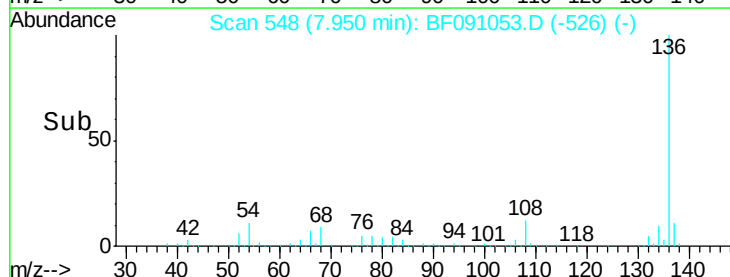
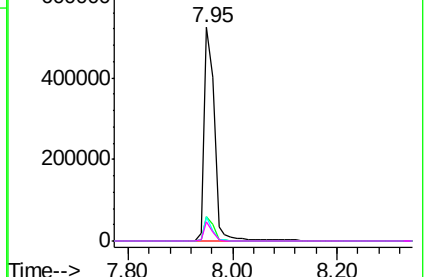


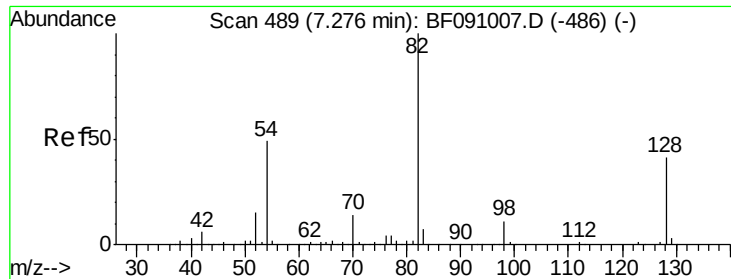
Abundance Ion 136.00 (135.70 to 136.70): E

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

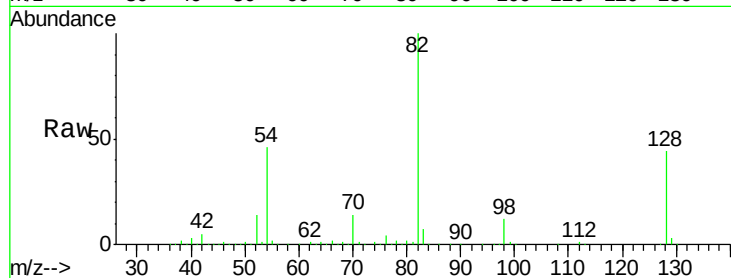




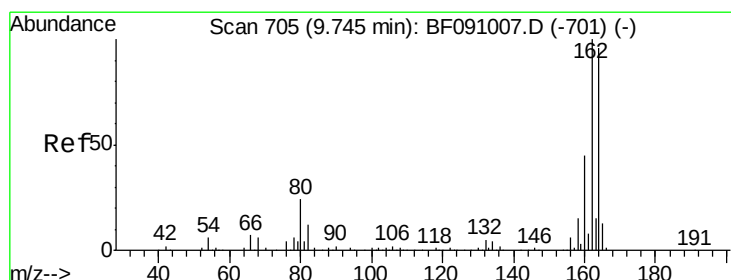
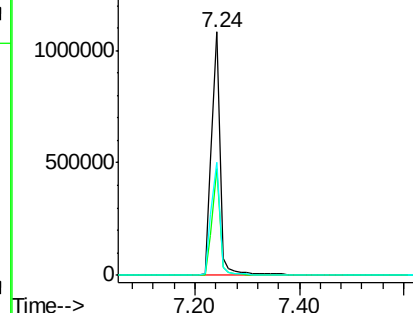
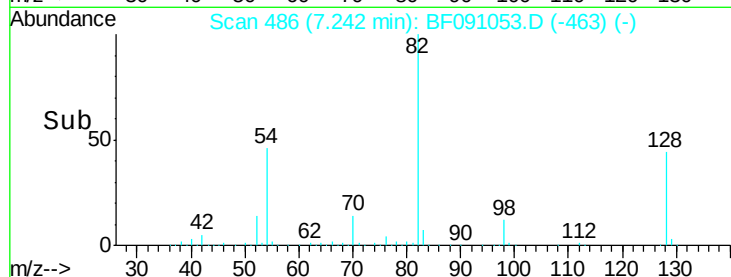
#23
 Nitrobenzene-d5
 Concen: 94.27 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BL

Tot Ion: 82 Resp: 1251971
 Ion Ratio Lower Upper
 82 100
 128 43.7 32.4 48.6
 54 46.5 39.2 58.8

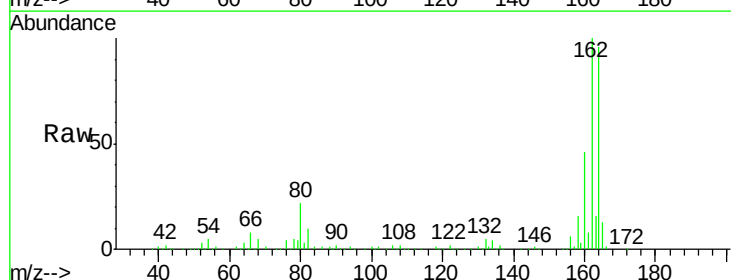


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

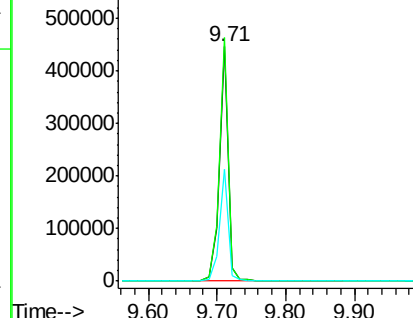
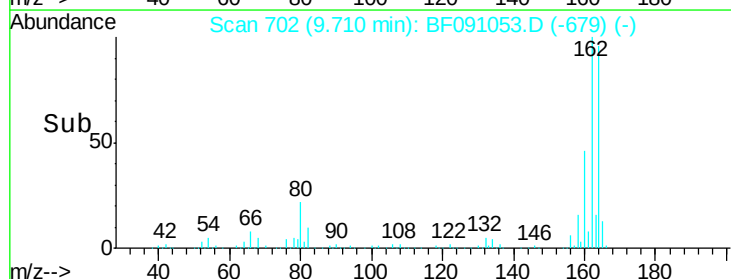


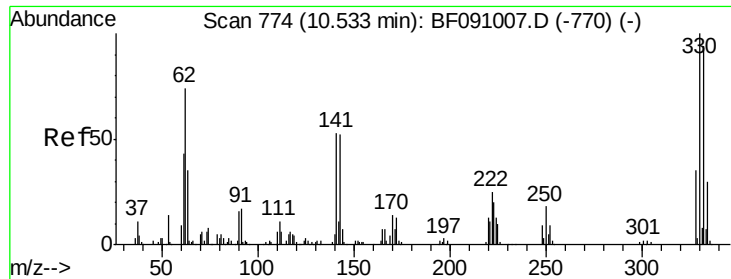
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Tgt Ion:164 Resp: 408205
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.6 125.4
 160 47.5 37.9 56.9



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

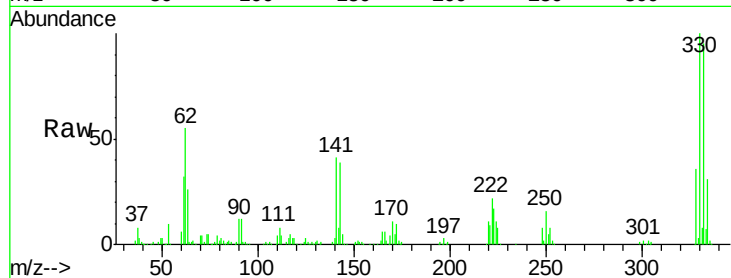




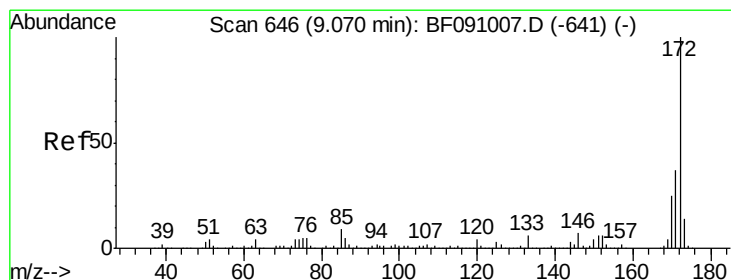
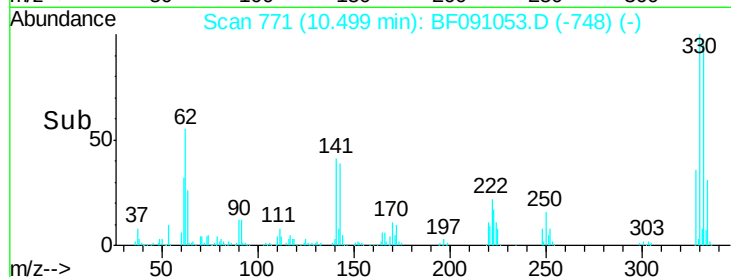
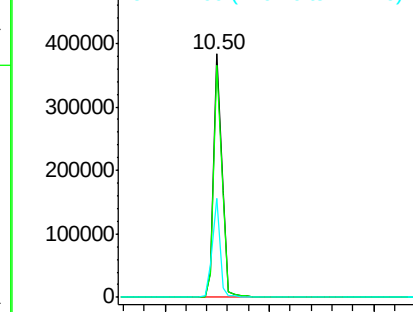
#41
 2,4,6-Tribromophenol
 Concen: 115.06 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BL

Tot Ion:330 Resp: 424619
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 37.8 36.1 54.1

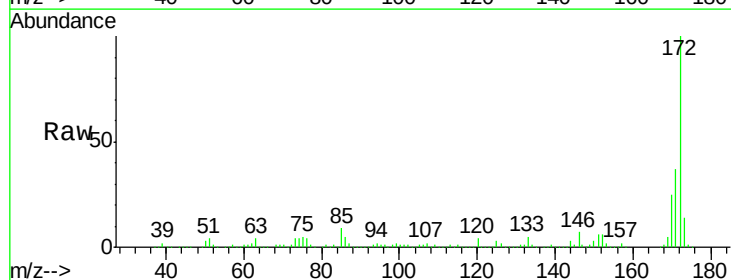


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

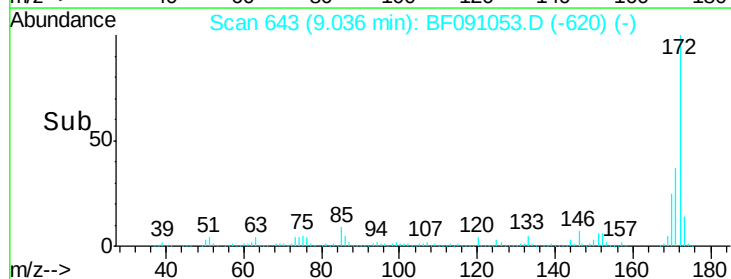
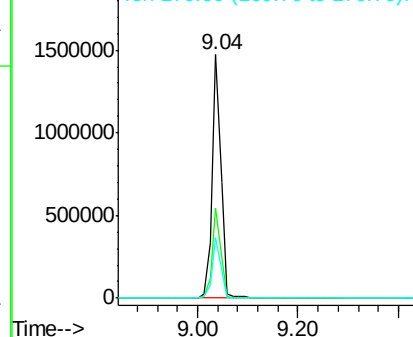


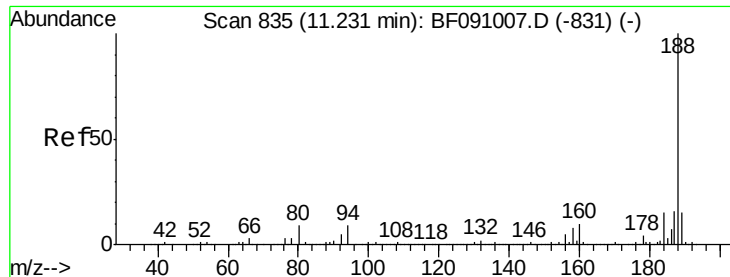
#44
 2-Fluorobiphenyl
 Concen: 76.13 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Tgt Ion:172 Resp: 1804975
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.1 20.3 30.5



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

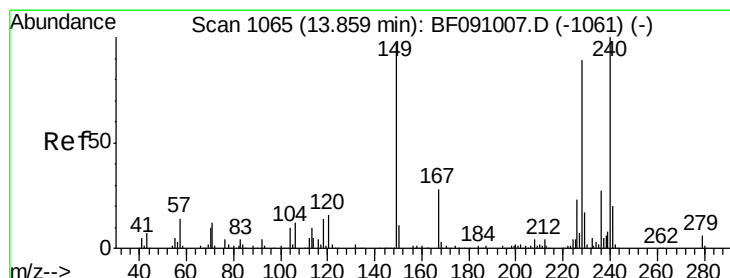
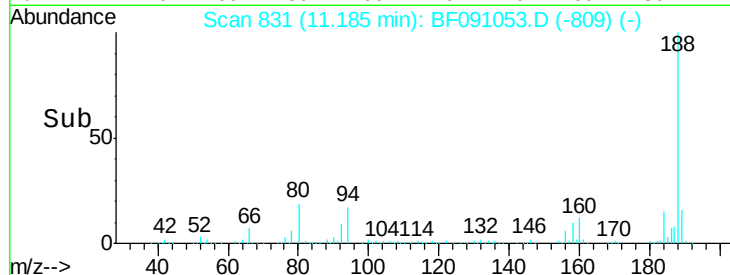
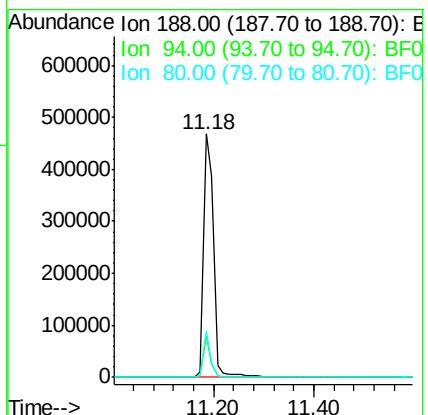
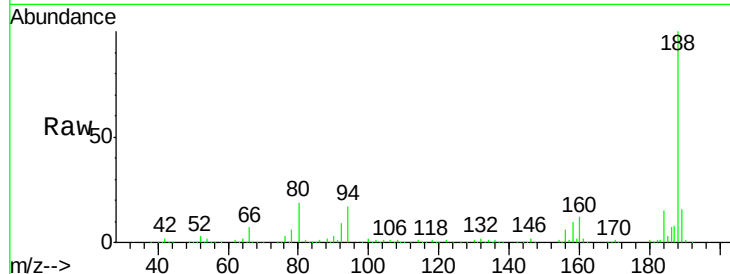




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 831
Delta R.T. -0.05 min
Lab File: BF091053.D
Acq: 7 Nov 2016 14:04

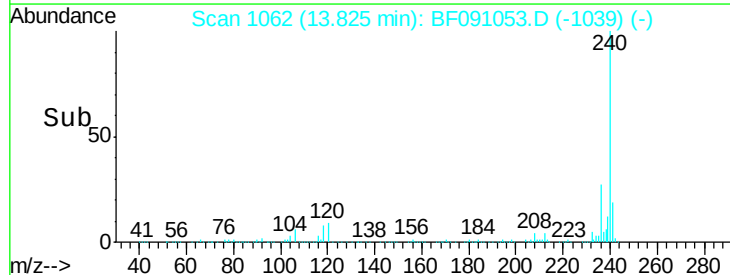
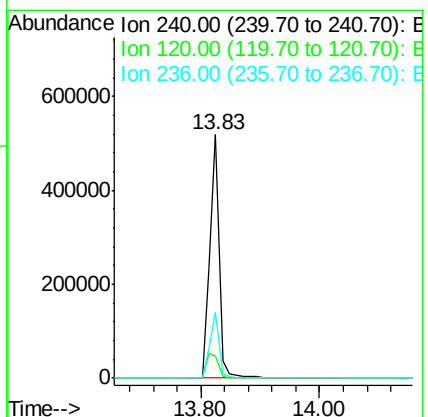
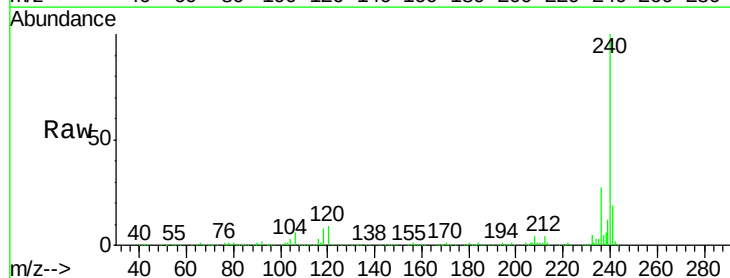
Instrument :
BNA_F
ClientSampleId :
PB94546BL

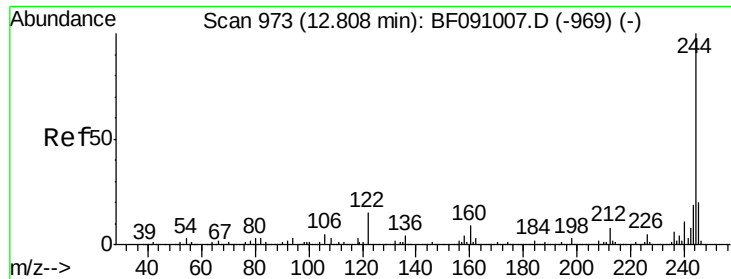
Tot Ion:188 Resp: 642996
Ion Ratio Lower Upper
188 100
94 16.9 7.0 10.4#
80 19.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1062
Delta R.T. -0.03 min
Lab File: BF091053.D
Acq: 7 Nov 2016 14:04

Tgt Ion:240 Resp: 568844
Ion Ratio Lower Upper
240 100
120 8.9 12.9 19.3#
236 27.1 21.9 32.9

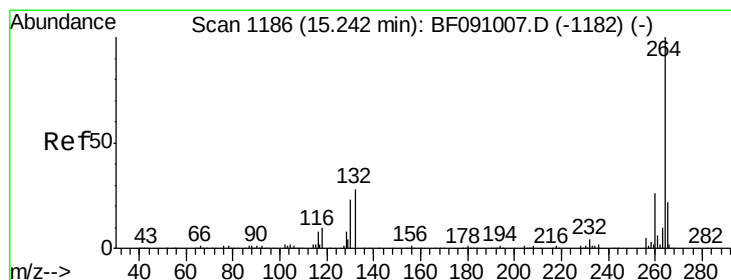
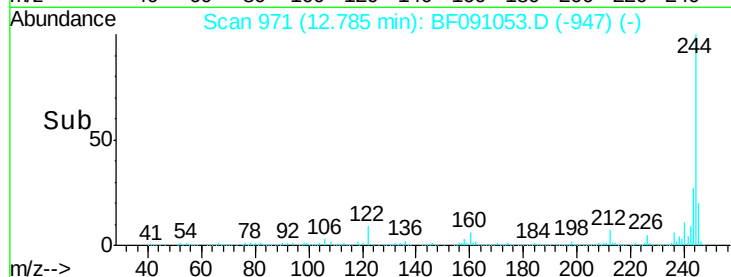
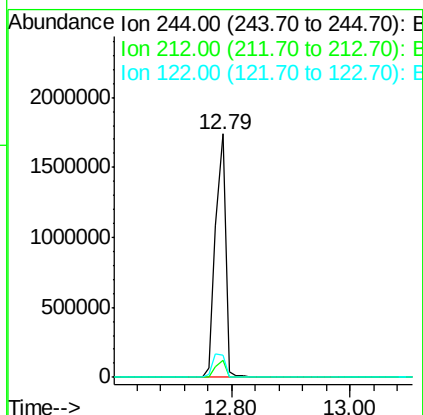
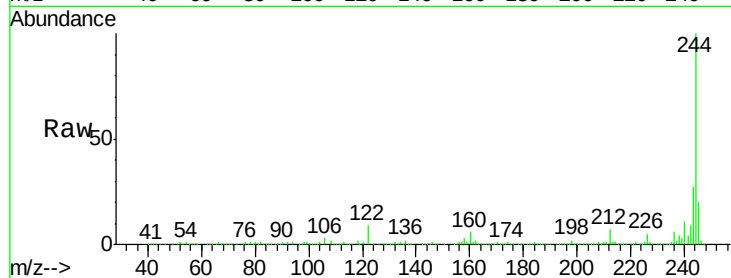




#78
 Terphenyl-d14
 Concen: 89.54 ng
 RT: 12.79 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BL

Tot Ion:244 Resp: 2041177
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 9.0 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1182
 Delta R.T. -0.05 min
 Lab File: BF091053.D
 Acq: 7 Nov 2016 14:04

Tgt Ion:264 Resp: 475935
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 22.3 17.8 26.8

