

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090726.D
 Acq On : 21 Oct 2016 22:42
 Operator : UM/SJ
 Sample : H5308-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Quant Time: Oct 22 00:23:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253232	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1093882	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	561031	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	911963	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	666229	20.00	ng	0.00
86) Perylene-d12	15.45	264	450496	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	836135	53.25	ng	0.00
7) Phenol-d6	6.49	99	700758	32.95	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1873832	93.95	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	680032	153.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2629700	72.76	ng	-0.01
78) Terphenyl-d14	12.97	244	2699032	92.85	ng	0.00

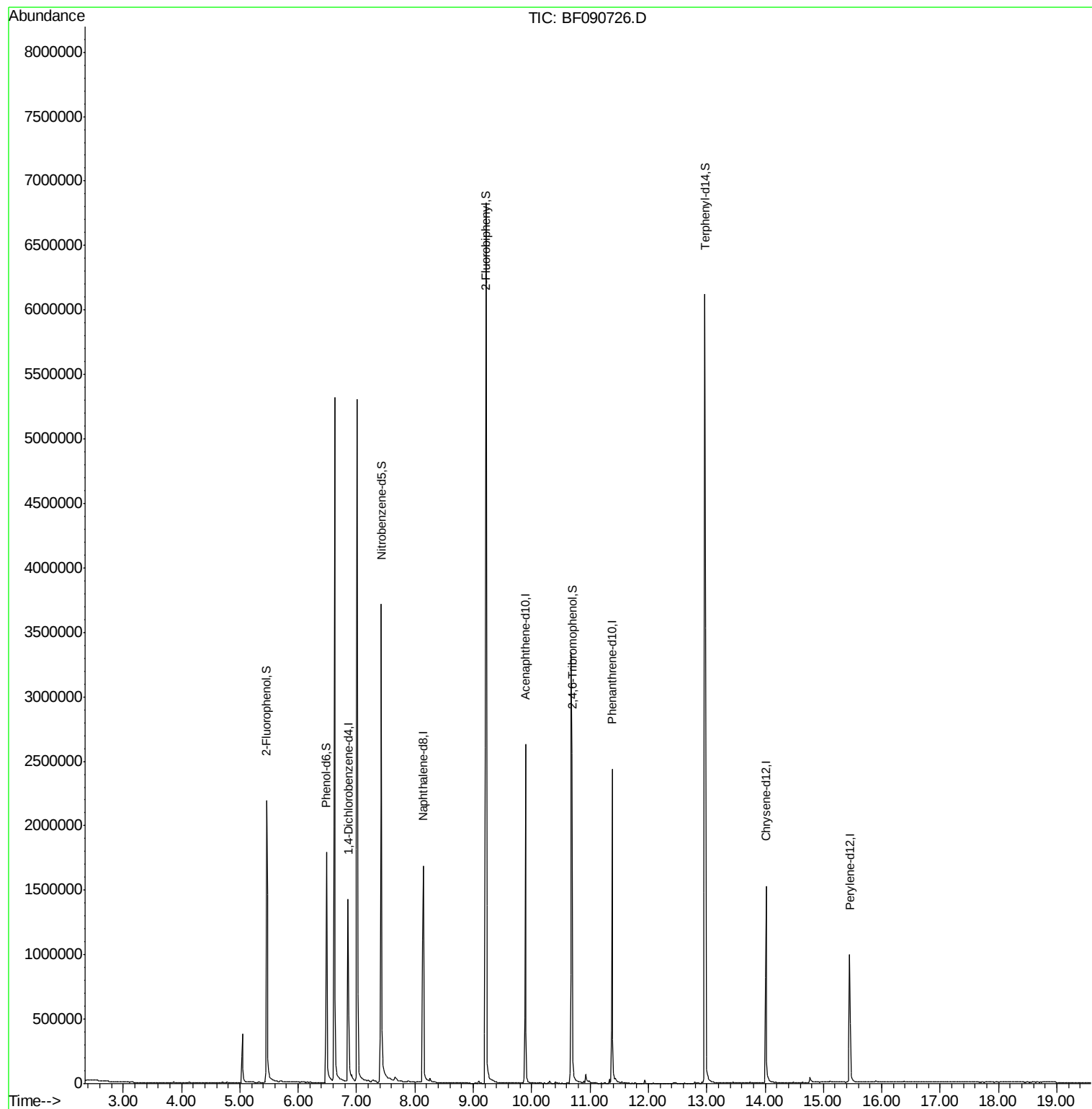
Target Compounds Qvalue

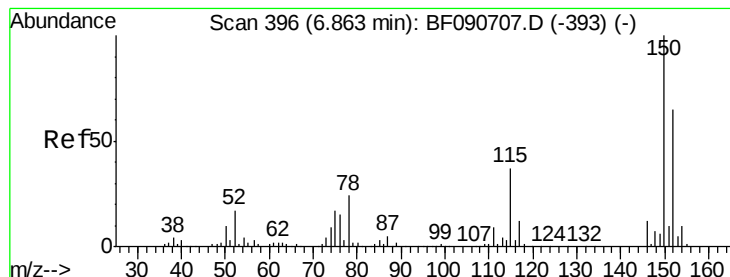
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Instrument :

BNA_F

ClientSampleId :

FB-10172016

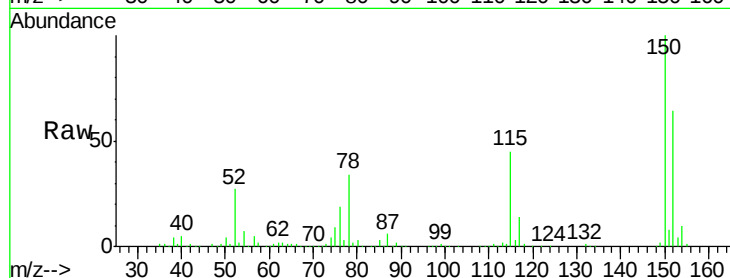
Tot Ion:152 Resp: 253232

Ion Ratio Lower Upper

152 100

150 157.5 124.7 187.1

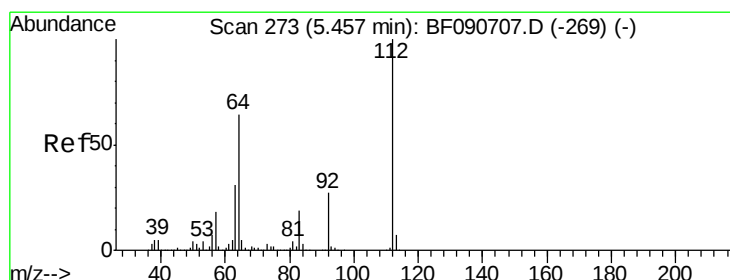
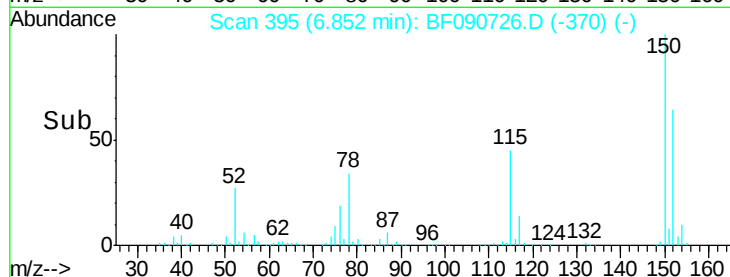
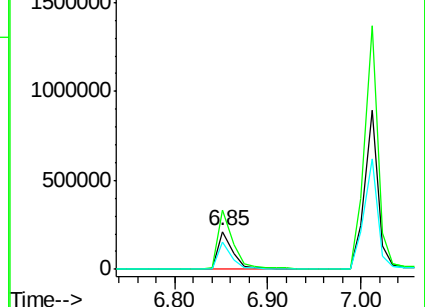
115 70.8 39.0 58.4#



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: 53.25 ng

RT: 5.46 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

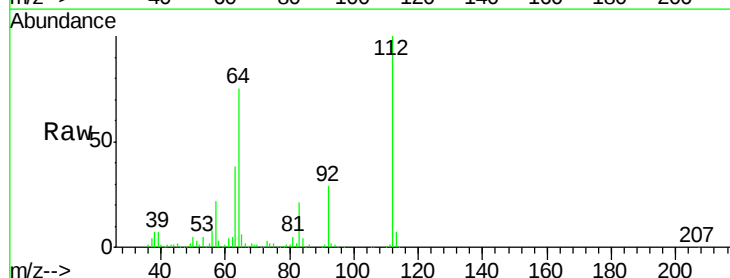
Tgt Ion:112 Resp: 836135

Ion Ratio Lower Upper

112 100

64 74.8 39.7 59.5#

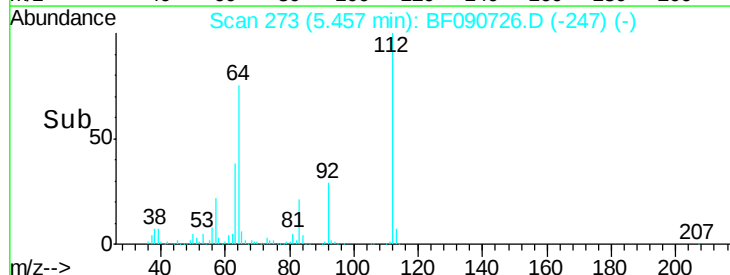
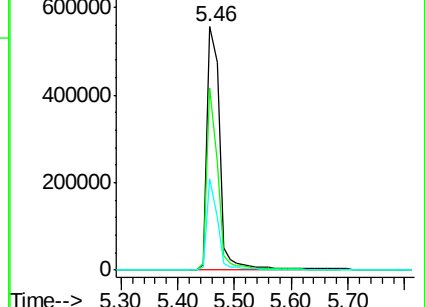
63 37.8 17.4 26.0#

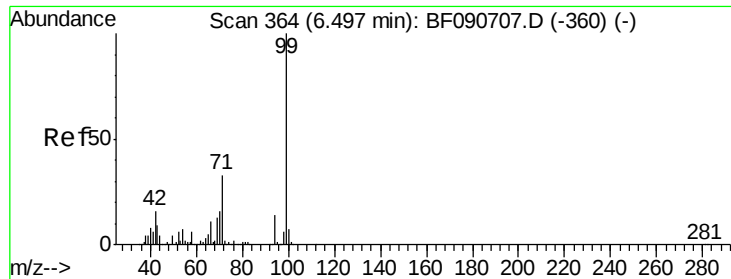


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.95 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Instrument :

BNA_F

ClientSampleId :

FB-10172016

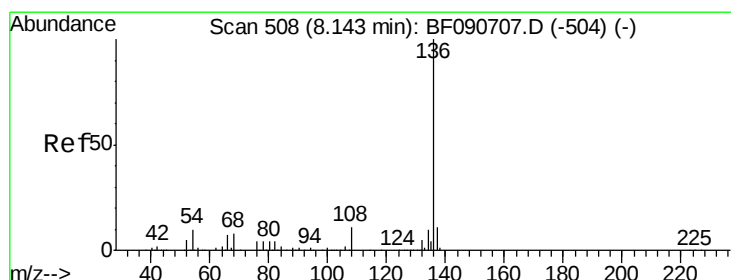
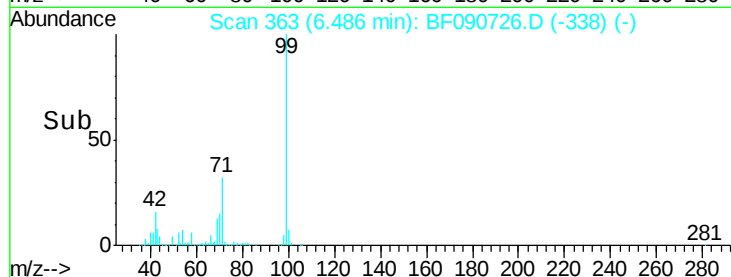
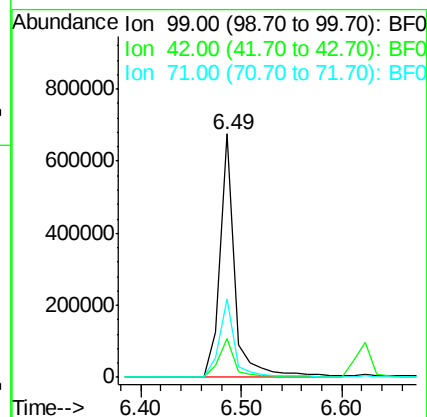
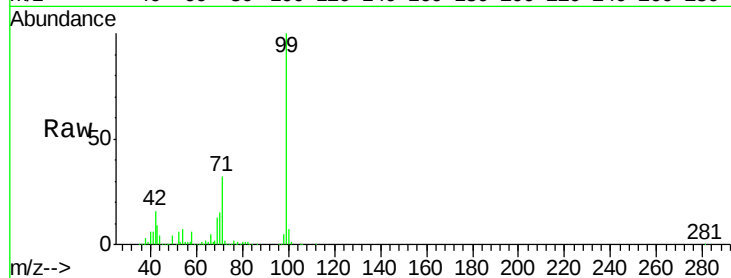
Tot Ion: 99 Resp: 700758

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

71 32.3 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090726.D

Acq: 21 Oct 2016 22:42

Tgt Ion: 136 Resp: 1093882

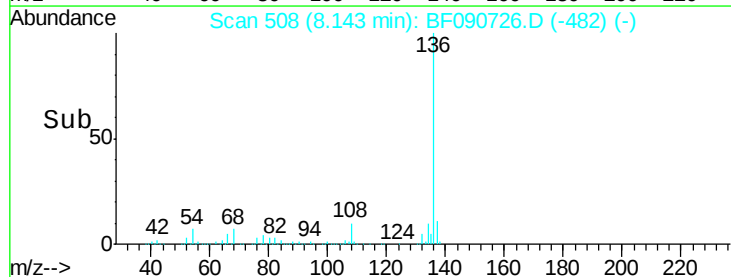
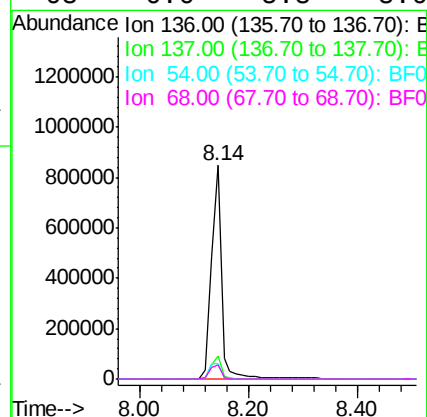
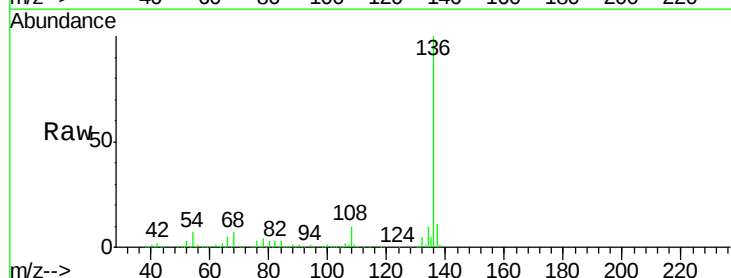
Ion Ratio Lower Upper

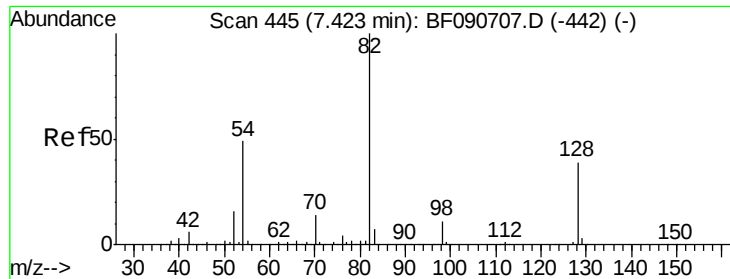
136 100

137 11.0 9.0 13.6

54 7.3 8.2 12.2#

68 6.6 5.8 8.6

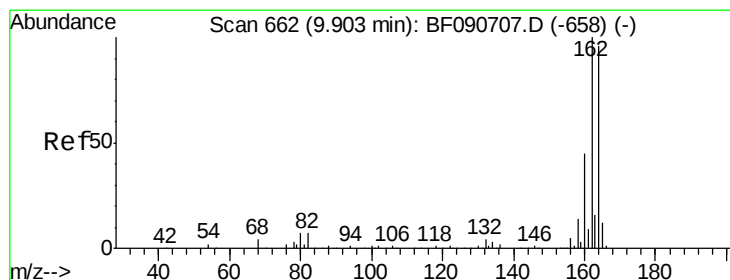
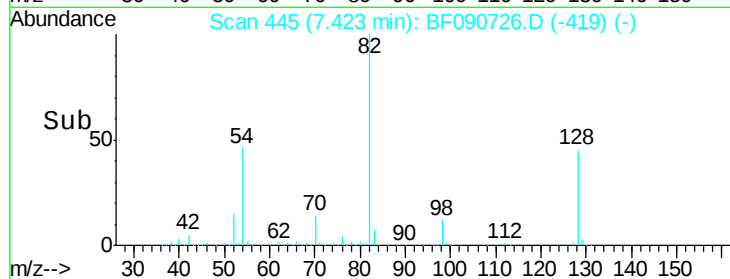
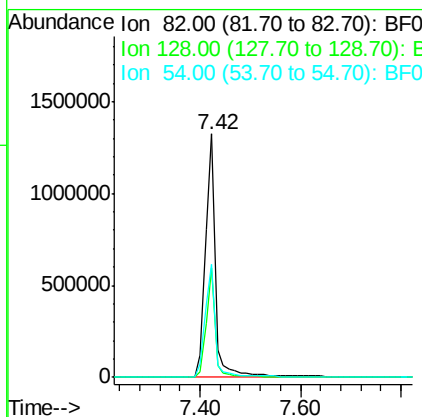
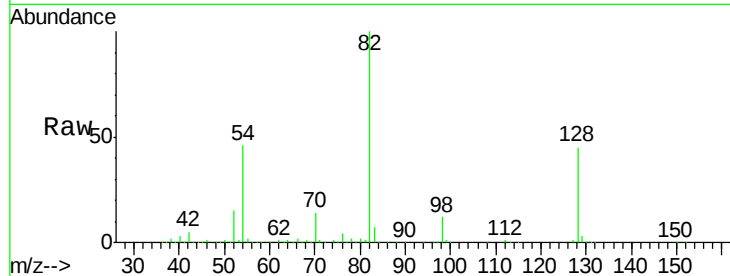




#23
 Nitrobenzene-d5
 Concen: 93.95 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

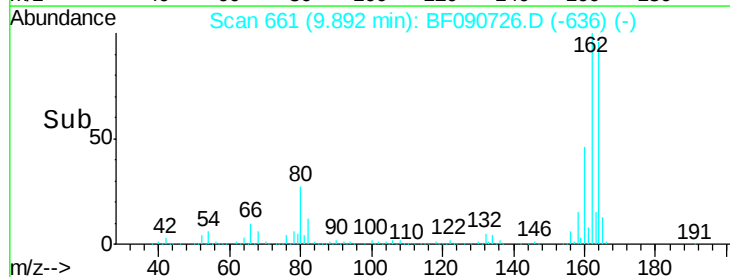
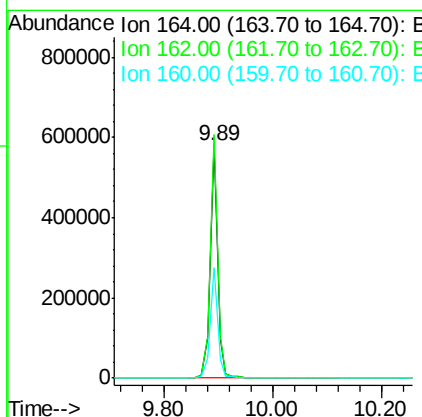
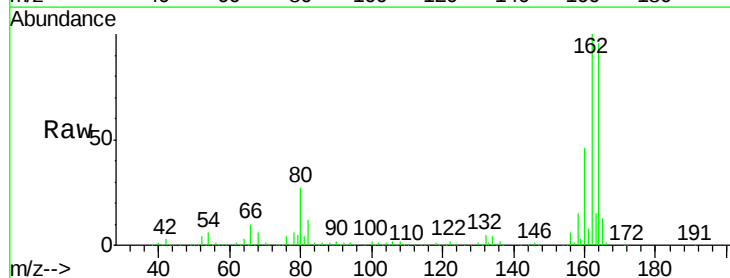
Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

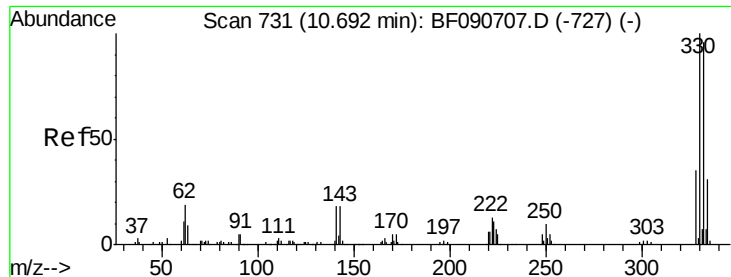
Tot Ion: 82 Resp: 1873832
 Ion Ratio Lower Upper
 82 100
 128 44.8 51.0 76.6#
 54 46.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Tgt Ion:164 Resp: 561031
 Ion Ratio Lower Upper
 164 100
 162 104.4 75.2 112.8
 160 47.6 31.5 47.3#

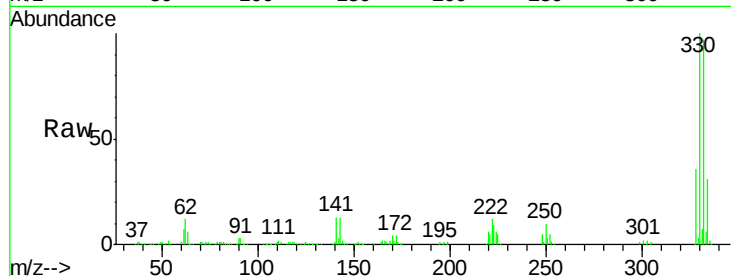




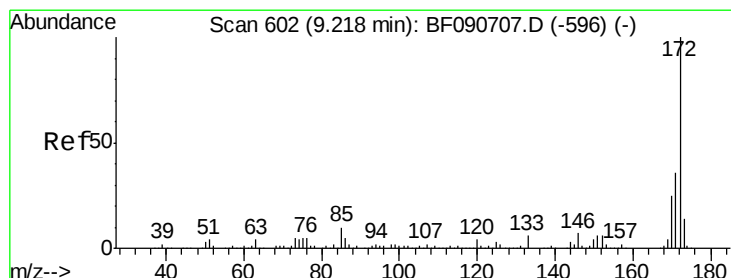
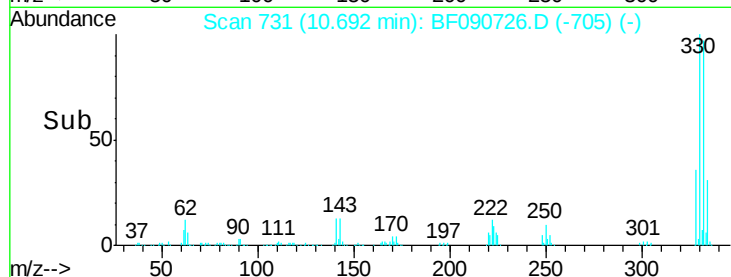
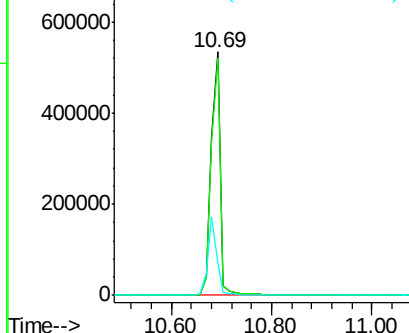
#41
 2,4,6-Tribromophenol
 Concen: 153.14 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Tot Ion:330 Resp: 680032
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.8 29.7 44.5

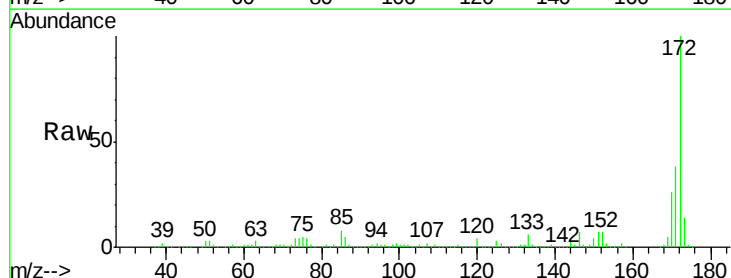


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

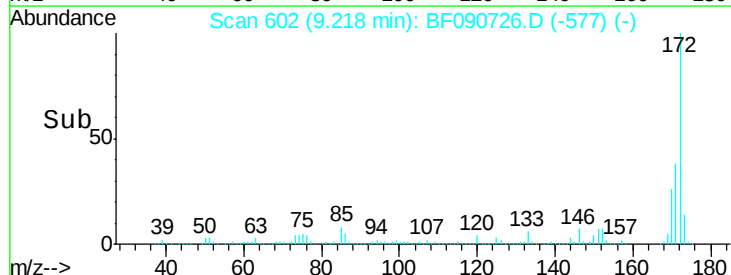
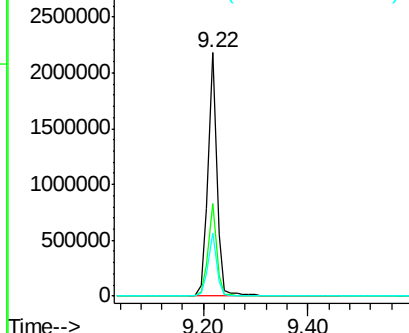


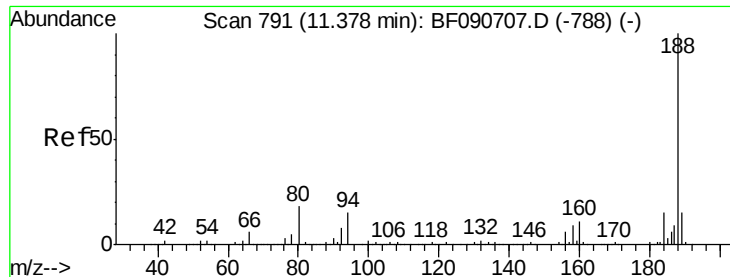
#44
 2-Fluorobiphenyl
 Concen: 72.76 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Tgt Ion:172 Resp: 2629700
 Ion Ratio Lower Upper
 172 100
 171 38.0 26.1 39.1
 170 26.1 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

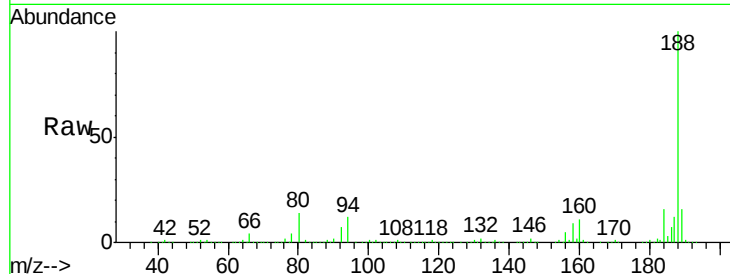




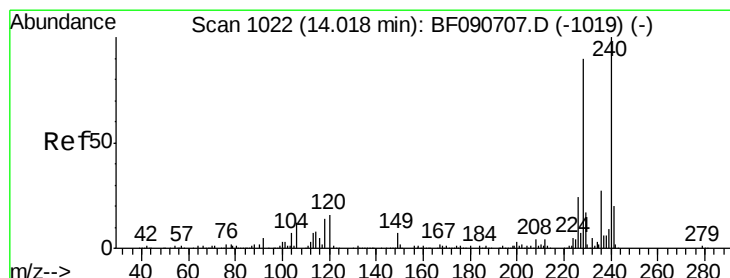
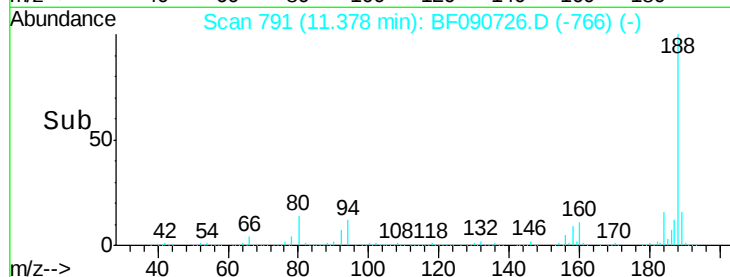
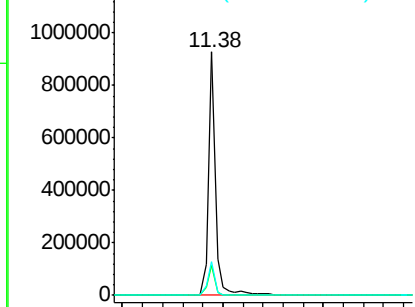
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Instrument :
BNA_F
ClientSampleId :
FB-10172016

Tot Ion:188 Resp: 911963
Ion Ratio Lower Upper
188 100
94 12.1 11.1 16.7
80 13.6 11.0 16.4

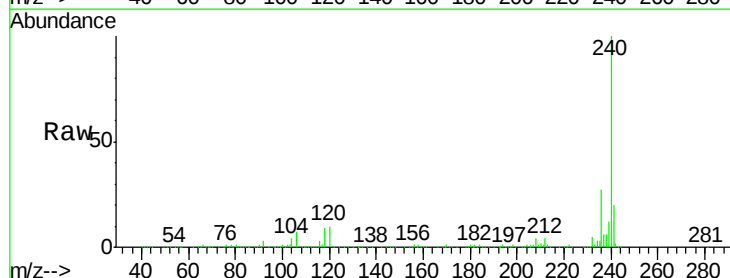


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

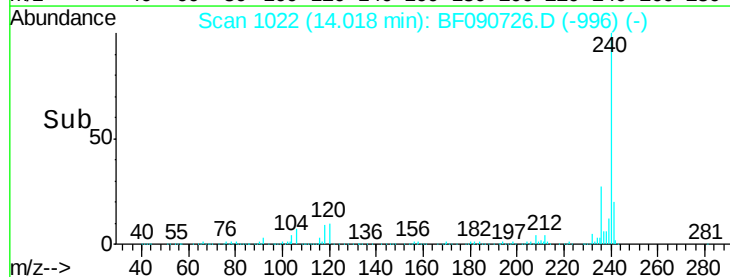
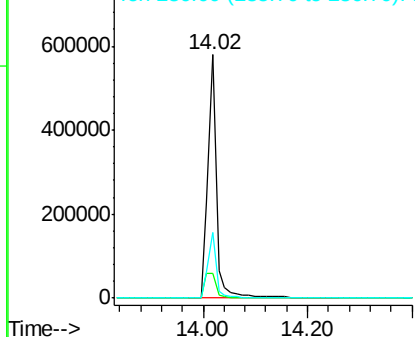


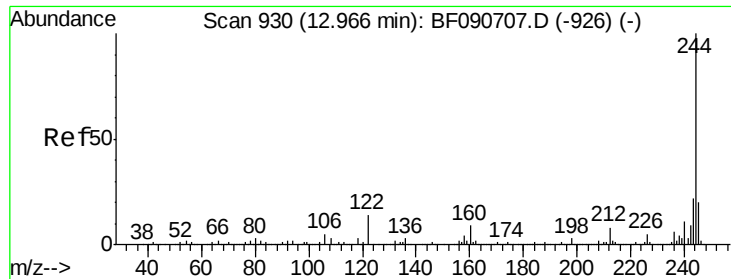
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090726.D
Acq: 21 Oct 2016 22:42

Tgt Ion:240 Resp: 666229
Ion Ratio Lower Upper
240 100
120 10.4 16.2 24.2#
236 27.1 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

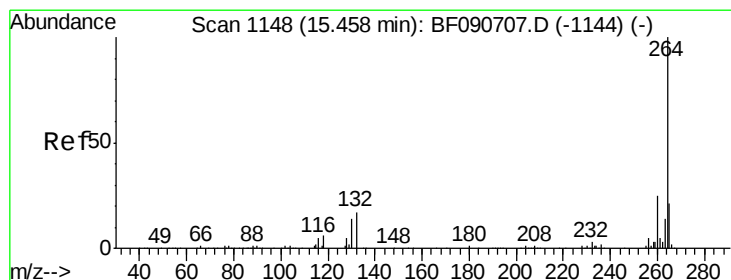
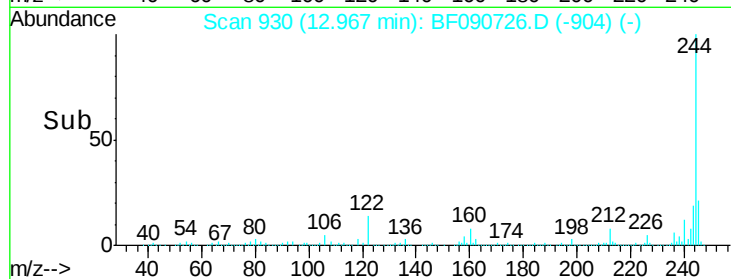
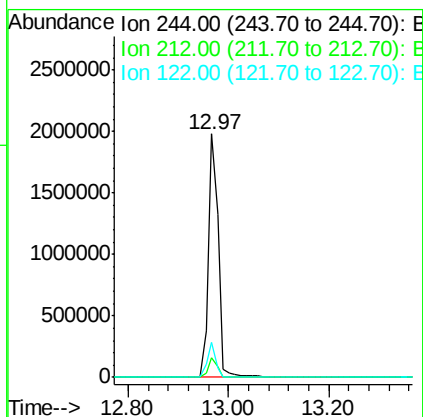
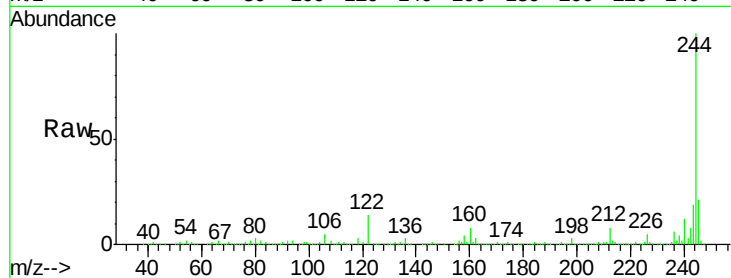




#78
 Terphenyl-d14
 Concen: 92.85 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Instrument :
 BNA_F
 ClientSampleId :
 FB-10172016

Tot Ion:244 Resp: 2699032
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 14.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090726.D
 Acq: 21 Oct 2016 22:42

Tgt Ion:264 Resp: 450496
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1
 265 21.3 17.2 25.8

