

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091195.D
 Acq On : 16 Nov 2016 18:32
 Operator : UM/SJ
 Sample : H5636-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Quant Time: Nov 17 00:33:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	194697	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	819153	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	442366	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	785347	20.00	ng	0.00
75) Chrysene-d12	13.77	240	595043	20.00	ng	-0.01
86) Perylene-d12	15.14	264	465960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	936527	79.44	ng	0.01
7) Phenol-d6	6.27	99	772671	48.29	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1563788	104.14	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	591742	147.96	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2328887	90.64	ng	0.00
78) Terphenyl-d14	12.74	244	2595715	108.86	ng	0.01

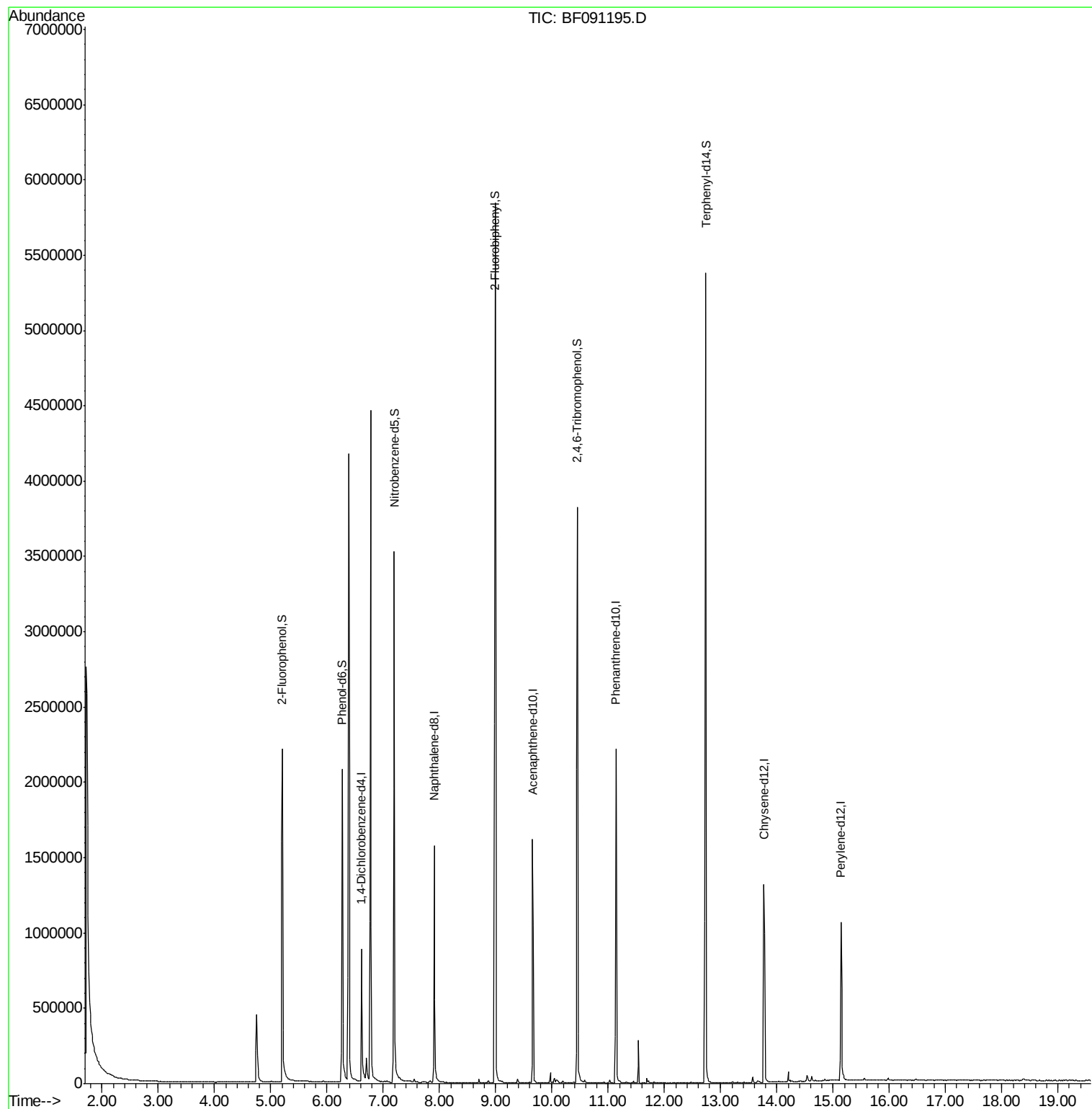
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

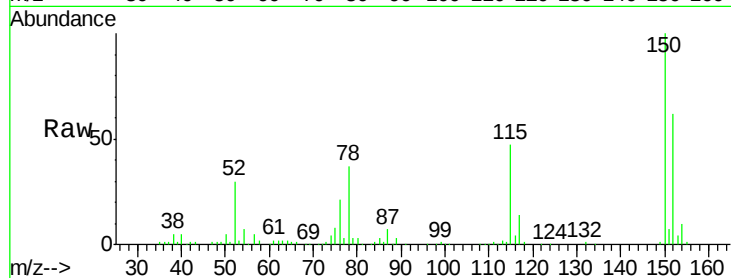
Tgt Ion:152 Resp: 194697

Ion Ratio Lower Upper

152 100

150 161.6 126.8 190.2

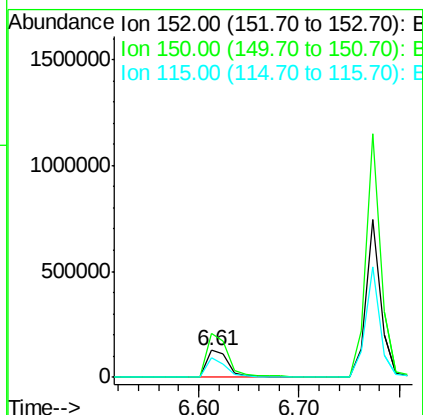
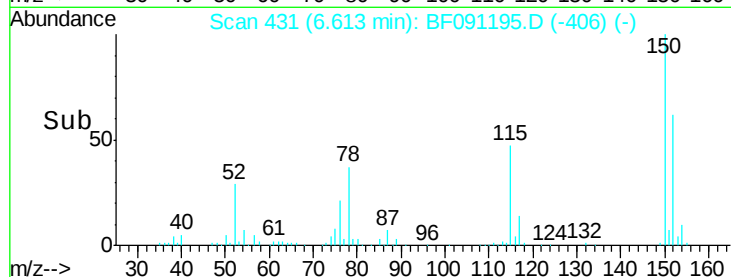
115 75.5 53.3 79.9



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: 79.44 ng

RT: 5.21 min Scan# 308

Delta R.T. 0.01 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

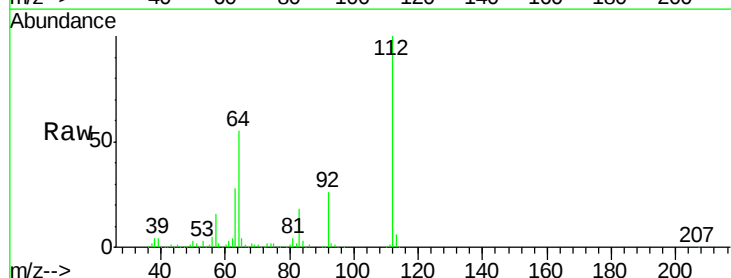
Tgt Ion:112 Resp: 936527

Ion Ratio Lower Upper

112 100

64 54.6 55.8 83.6#

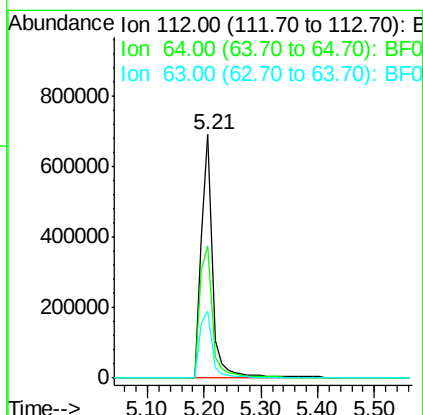
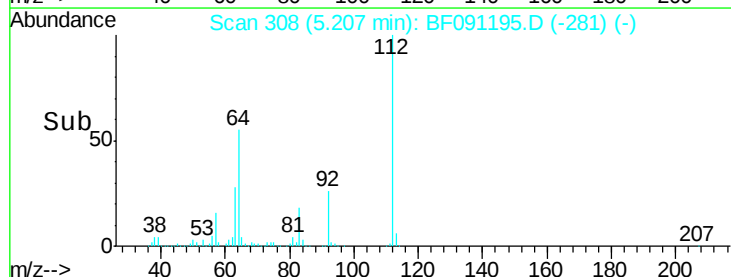
63 27.6 28.0 42.0#



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: 48.29 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Instrument :

BNA_F

ClientSampleId :

CPS043044

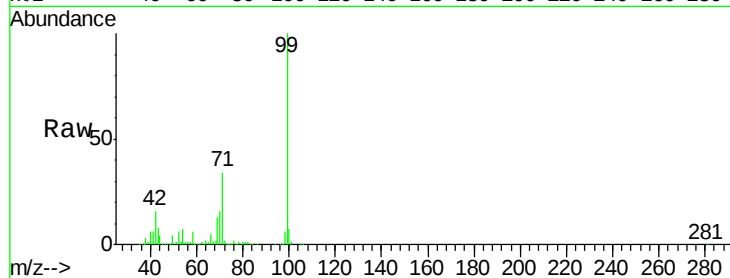
Tgt Ion: 99 Resp: 772671

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

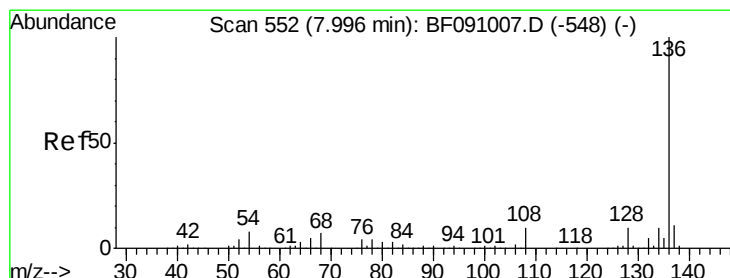
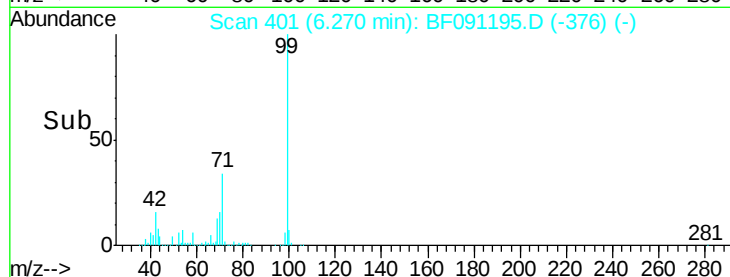
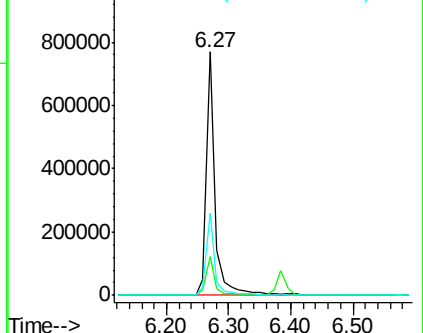
71 33.6 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091195.D

Acq: 16 Nov 2016 18:32

Tgt Ion: 136 Resp: 819153

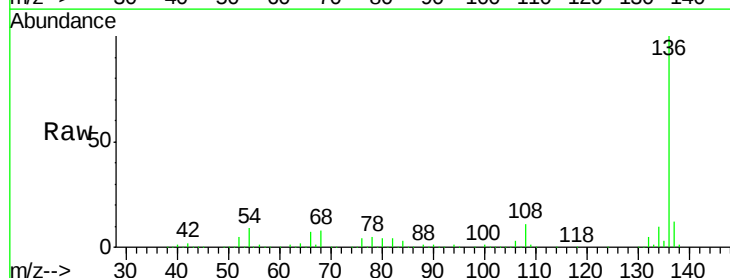
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 9.4 6.2 9.2#

68 8.1 5.5 8.3

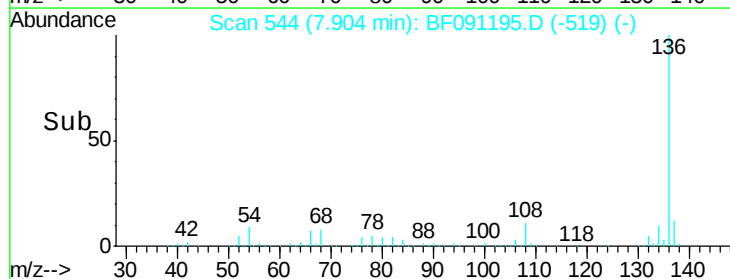
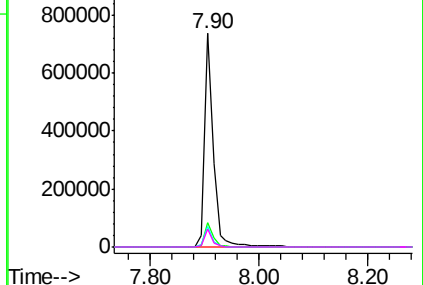


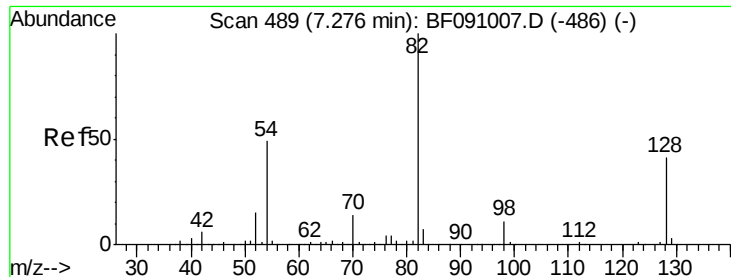
Abundance Ion 136.00 (135.70 to 136.70): E

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

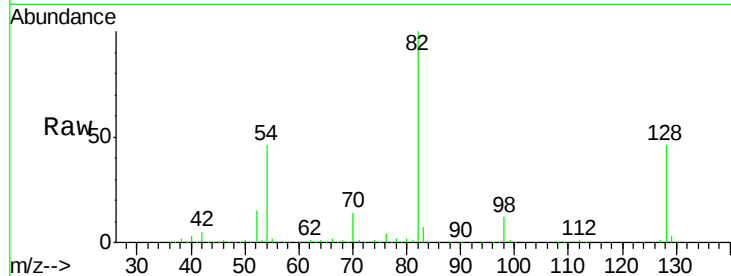




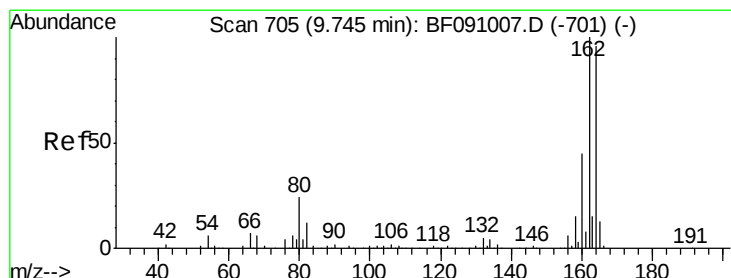
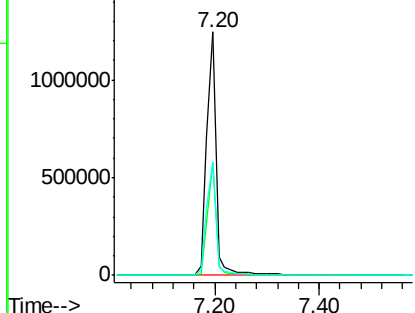
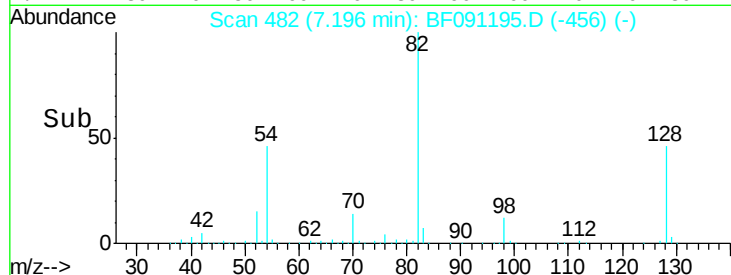
#23
 Nitrobenzene-d5
 Concen: 104.14 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tgt Ion: 82 Resp: 1563788
 Ion Ratio Lower Upper
 82 100
 128 46.2 32.4 48.6
 54 46.3 39.2 58.8

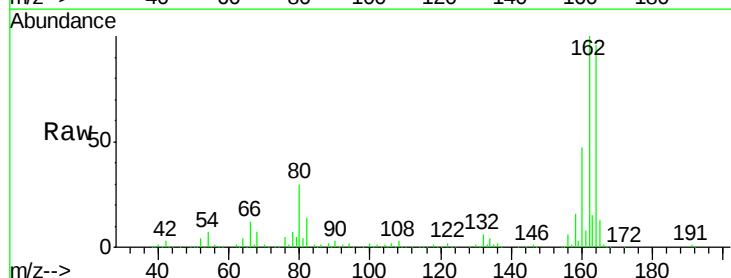


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

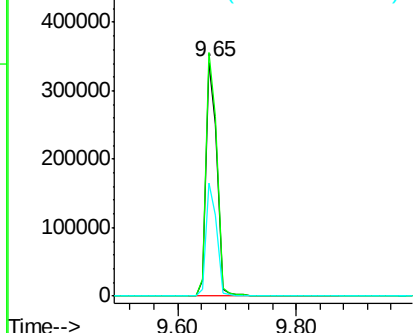
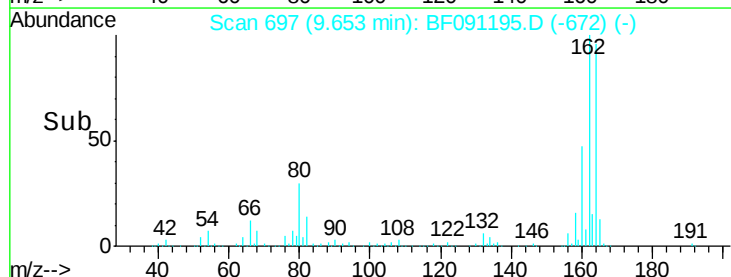


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Tgt Ion: 164 Resp: 442366
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.6 125.4
 160 48.6 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

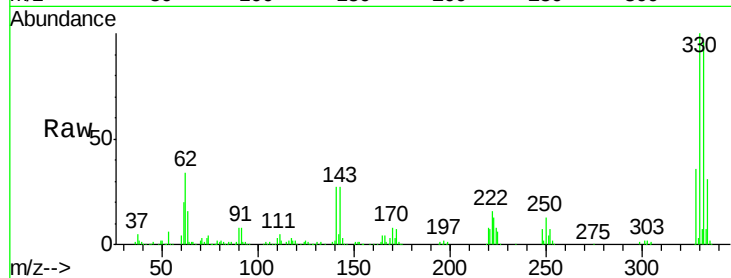




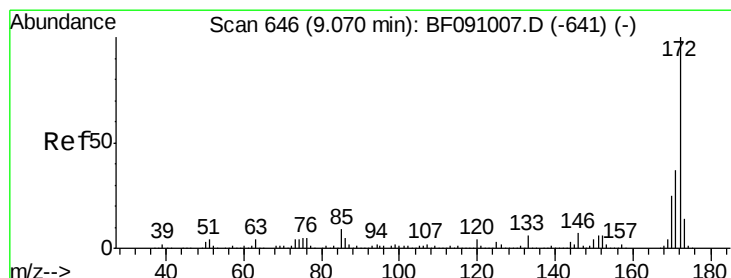
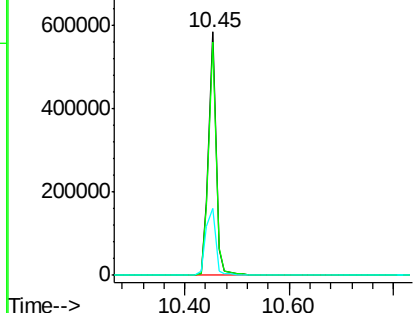
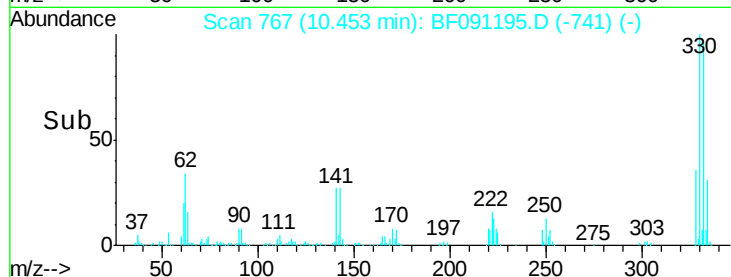
#41
 2,4,6-Tribromophenol
 Concen: 147.96 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tgt Ion:330 Resp: 591742
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.9 113.9
 141 36.3 36.1 54.1

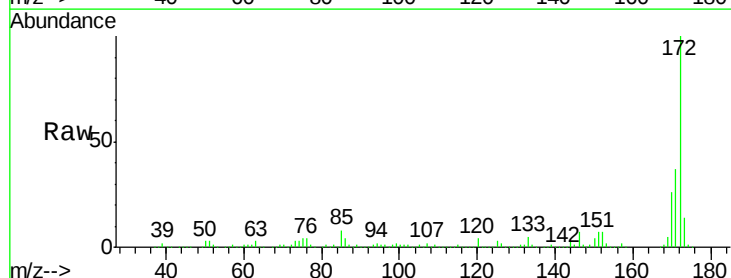


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

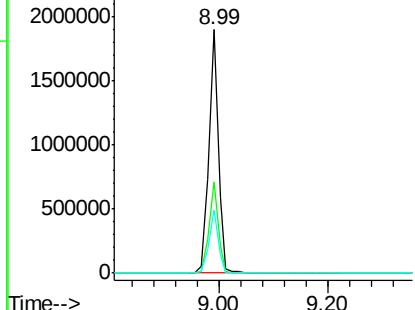
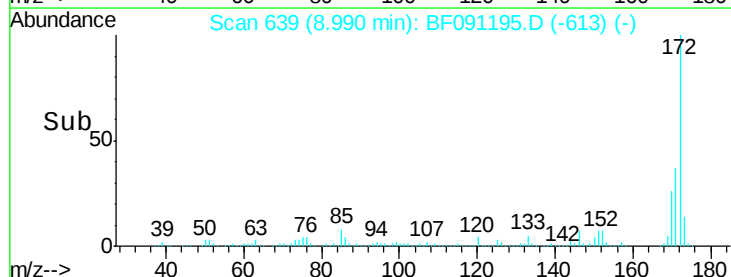


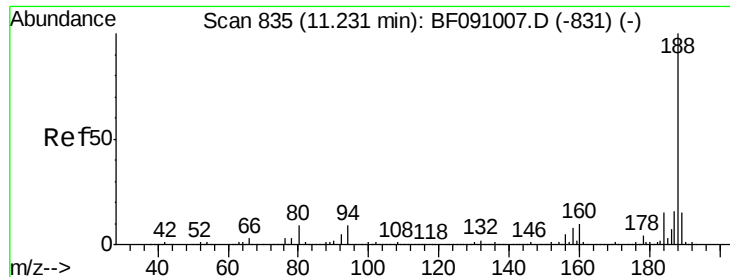
#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Tgt Ion:172 Resp: 2328887
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.8 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

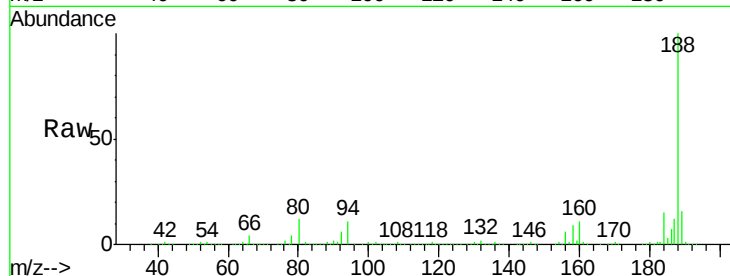




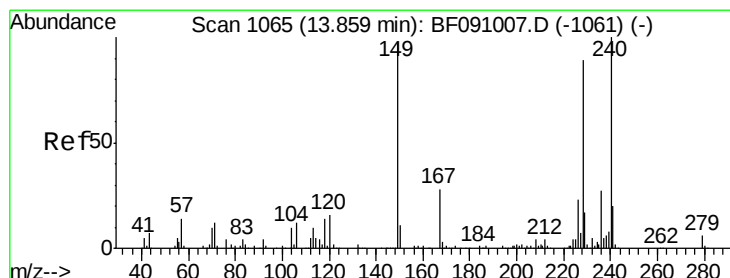
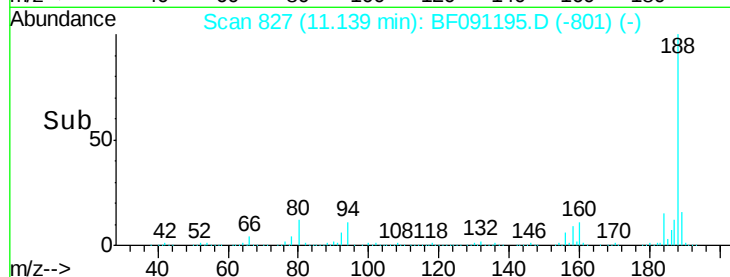
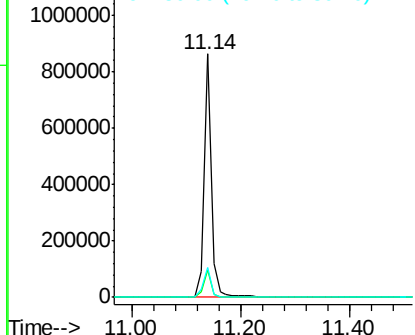
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:188 Resp: 785347
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.4#
80 12.2 7.5 11.3#

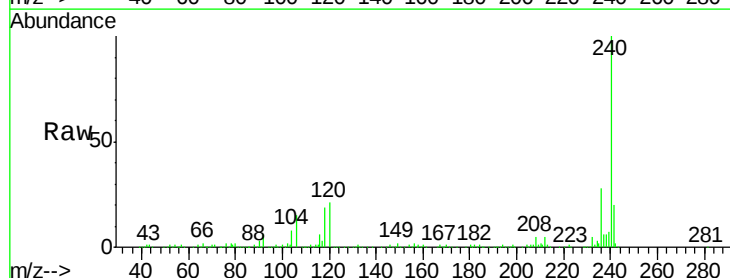


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

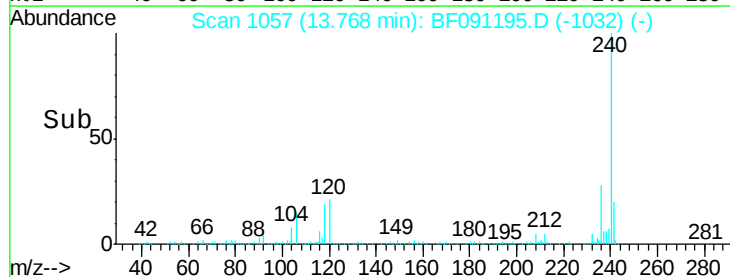
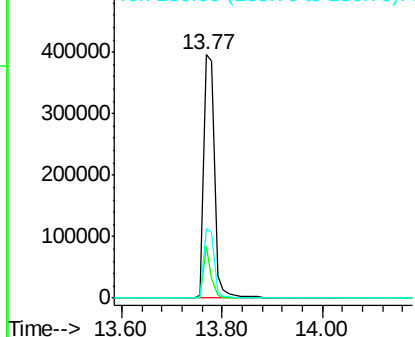


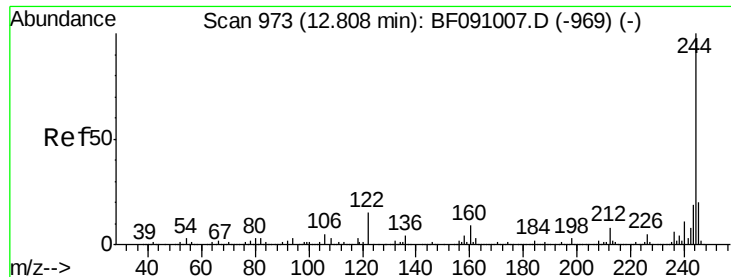
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091195.D
Acq: 16 Nov 2016 18:32

Tgt Ion:240 Resp: 595043
Ion Ratio Lower Upper
240 100
120 21.1 12.9 19.3#
236 28.4 21.9 32.9



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

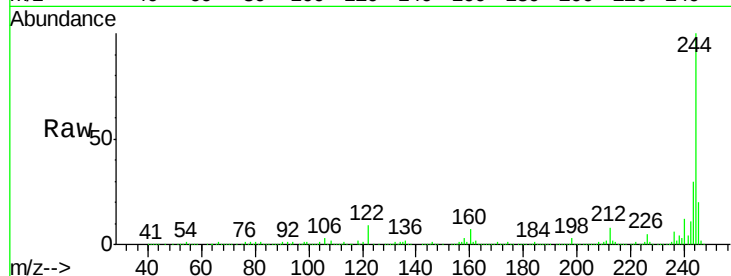




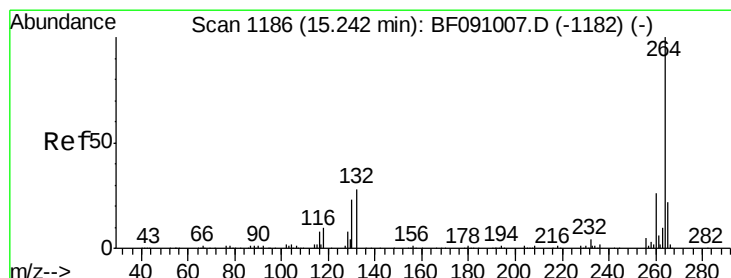
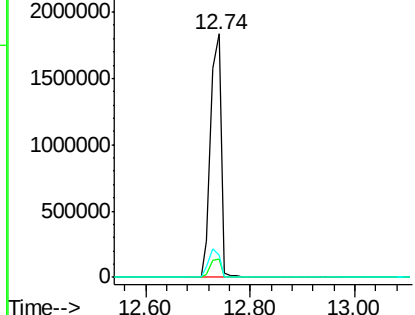
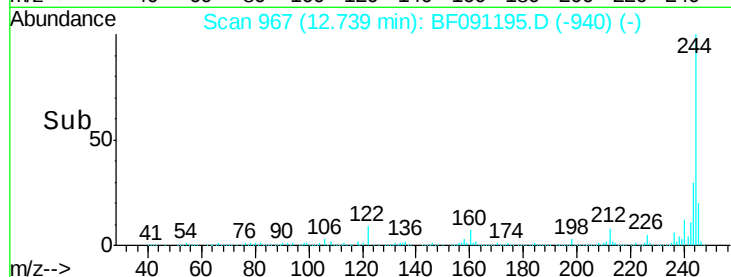
#78
 Terphenyl-d14
 Concen: 108.86 ng
 RT: 12.74 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Instrument :
 BNA_F
 ClientSampleId :
 CPS043044

Tgt Ion:244 Resp: 2595715
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.4 9.6
 122 8.9 12.3 18.5#

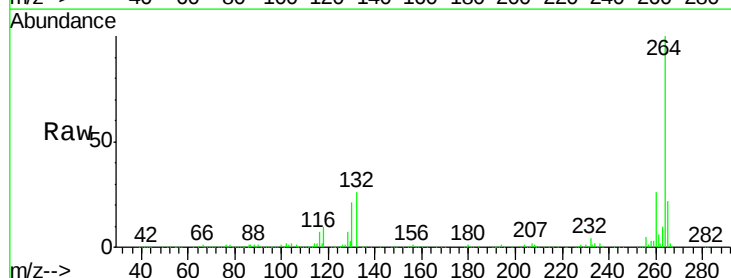


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091195.D
 Acq: 16 Nov 2016 18:32

Tgt Ion:264 Resp: 465960
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 21.7 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 400000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

