

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
 Data File : BF091163.D
 Acq On : 14 Nov 2016 14:41
 Operator : UM/SJ
 Sample : PB94712BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BL

Quant Time: Nov 15 00:27:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	167834	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	698910	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	361637	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	674685	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	637749	20.00	ng	-0.03
86) Perylene-d12	15.15	264	546353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	784572	77.20	ng	-0.01
7) Phenol-d6	6.28	99	964988	69.96	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1170814	91.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	240373	73.52	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1856693	88.39	ng	-0.03
78) Terphenyl-d14	12.74	244	2054841	80.40	ng	-0.02

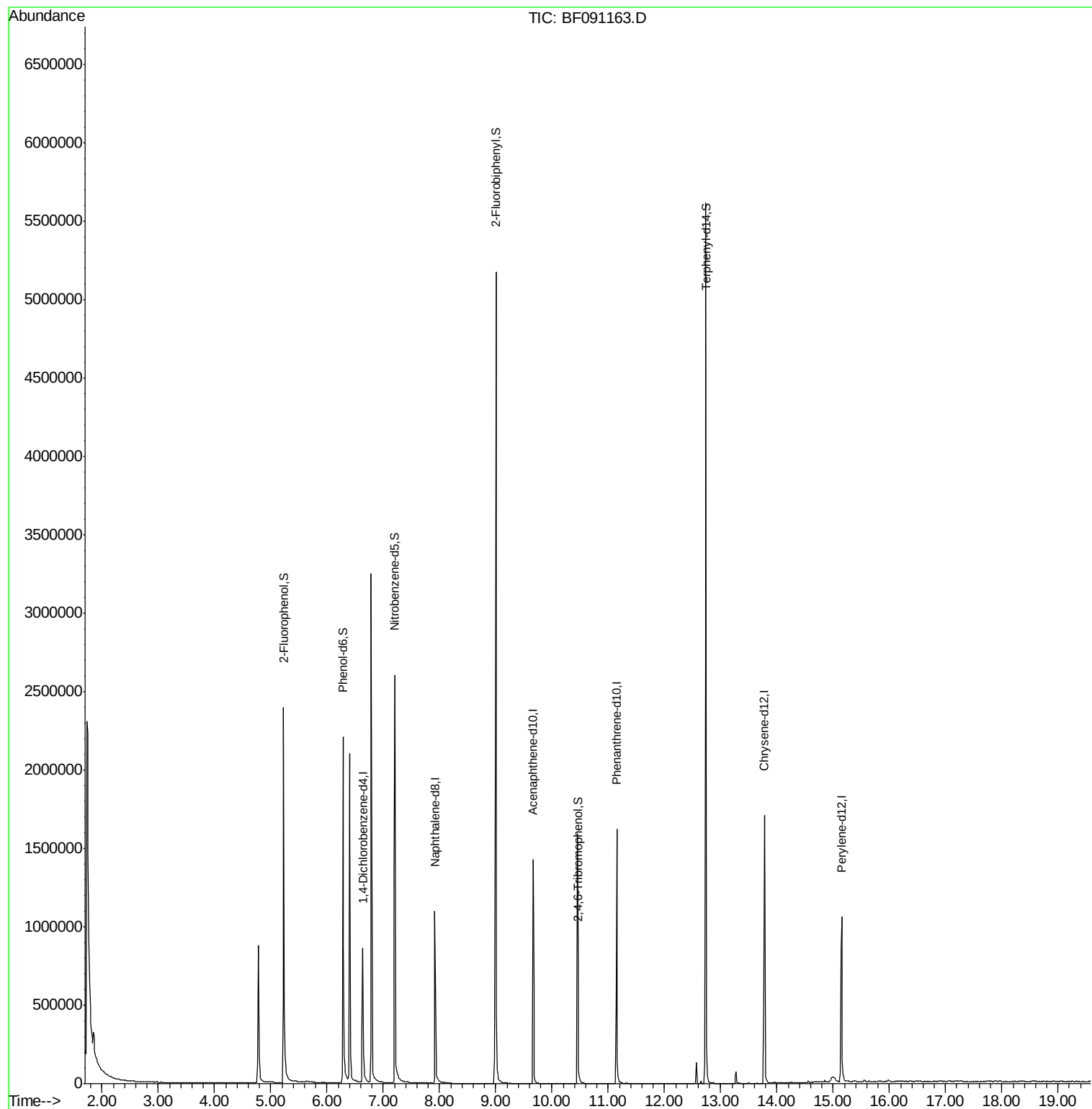
Target Compounds Qvalue

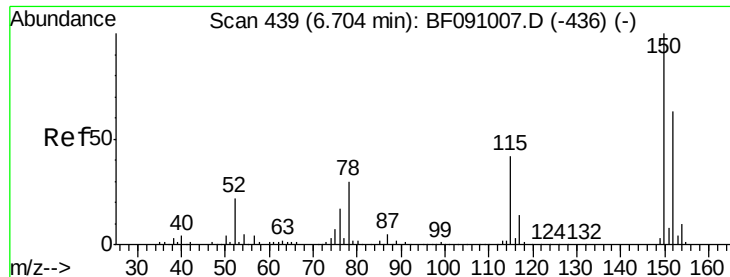
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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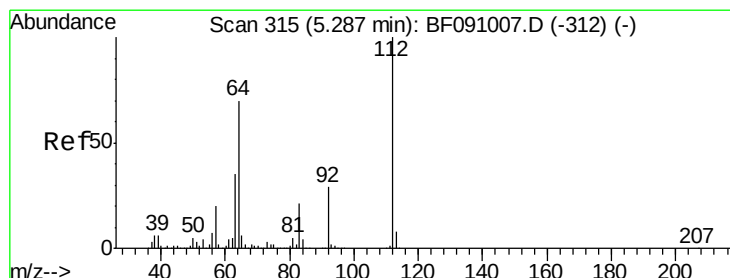
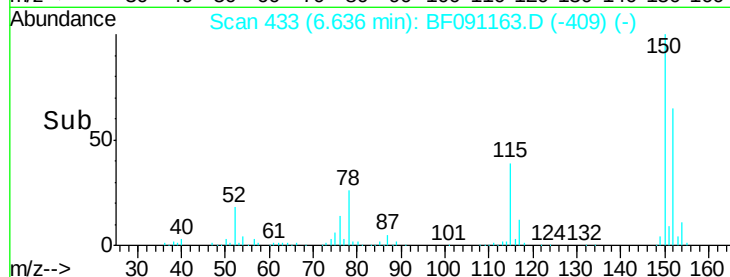
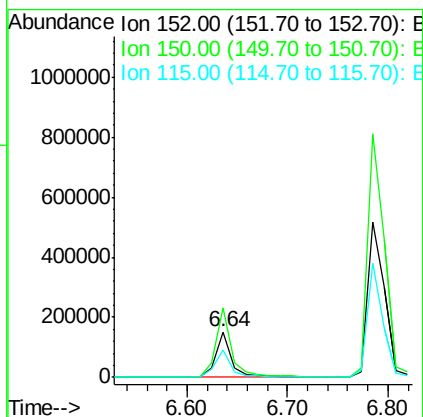
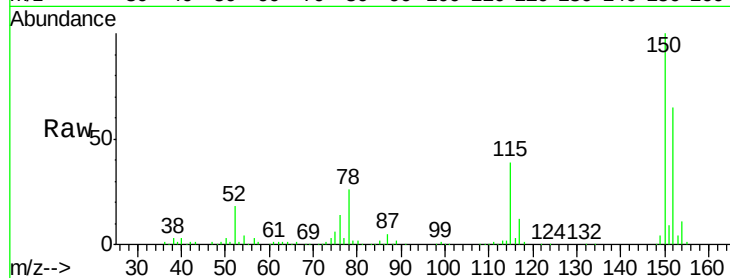


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Instrument :
BNA_F
ClientSampled :
PB94712BL

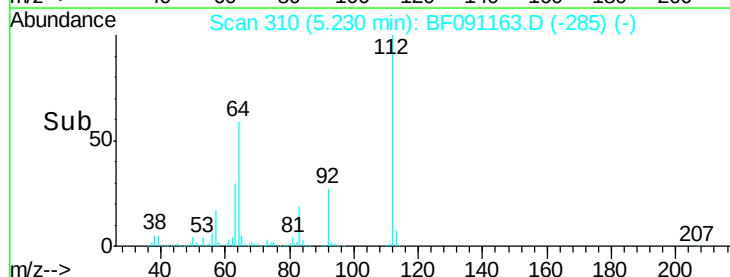
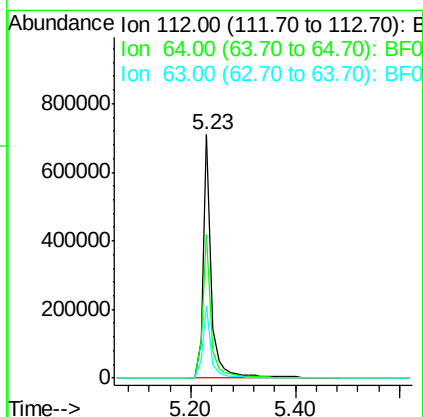
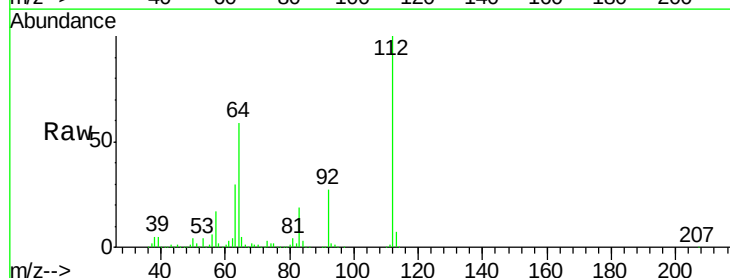
Tot Ion:152 Resp: 167834
Ion Ratio Lower Upper
152 100
150 152.9 126.8 190.2
115 59.4 53.3 79.9

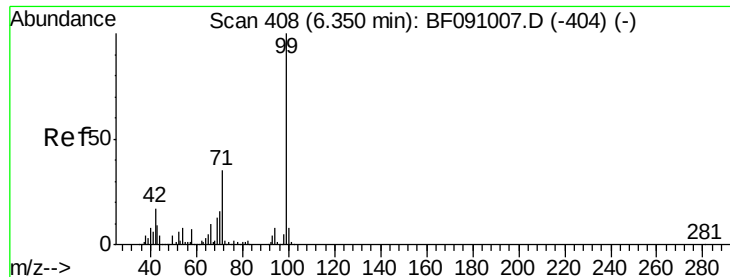


#5

2-Fluorophenol
Concen: 77.20 ng
RT: 5.23 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Tgt Ion:112 Resp: 784572
Ion Ratio Lower Upper
112 100
64 59.3 55.8 83.6
63 29.5 28.0 42.0





#7

Phenol-d6

Concen: 69.96 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Instrument :

BNA_F

ClientSampled :

PB94712BL

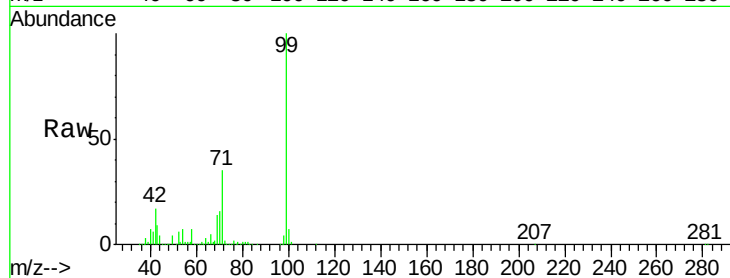
Tot Ion: 99 Resp: 964988

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

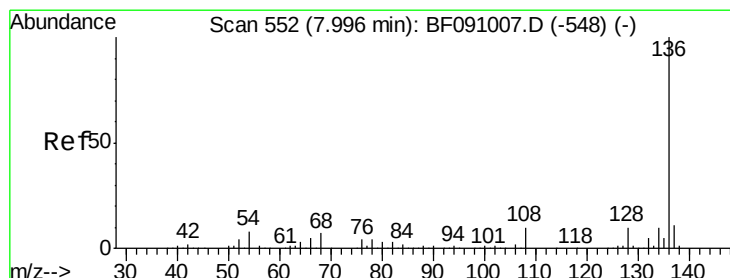
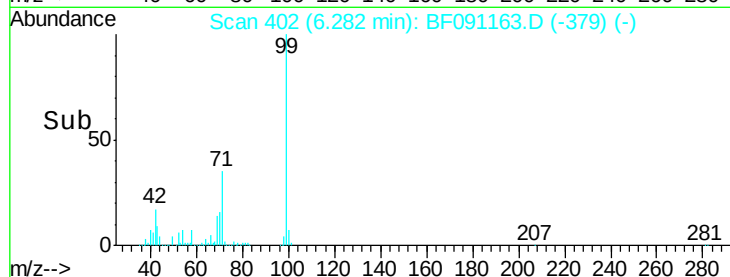
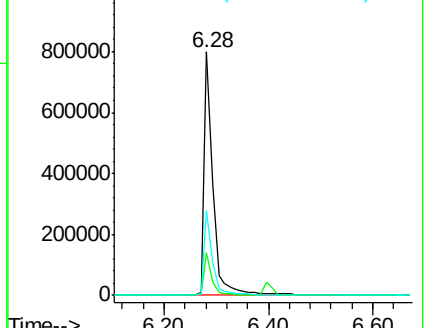
71 34.9 27.8 41.8



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: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091163.D

Acq: 14 Nov 2016 14:41

Tgt Ion: 136 Resp: 698910

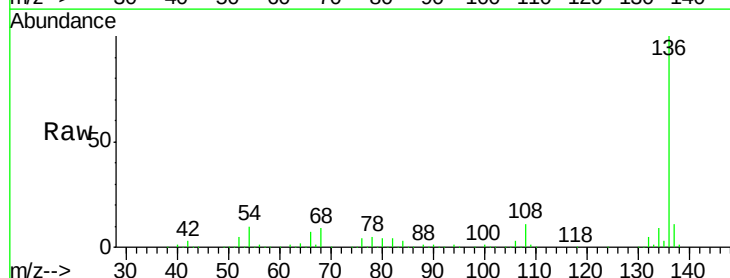
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.2 6.2 9.2#

68 8.6 5.5 8.3#

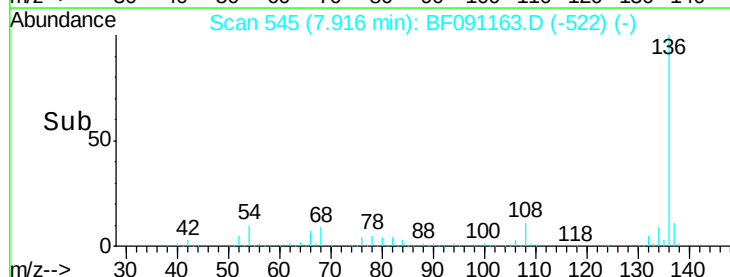
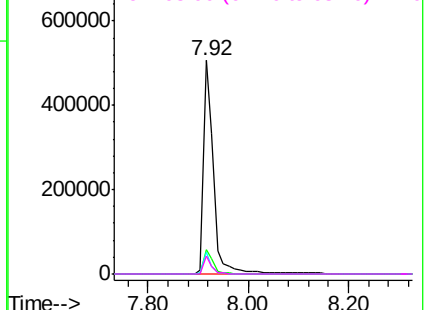


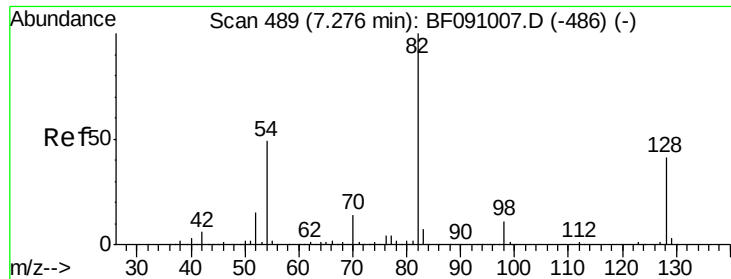
Abundance Ion 136.00 (135.70 to 136.70): E

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

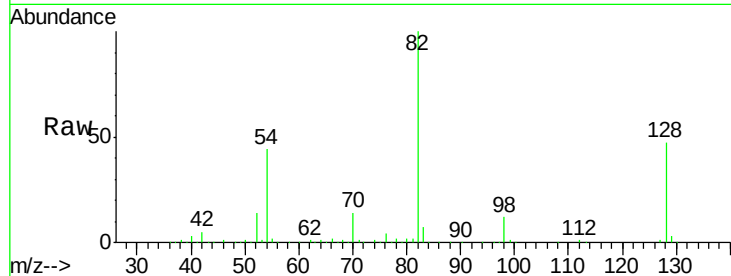




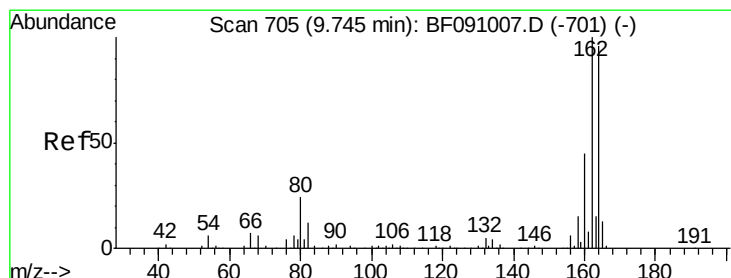
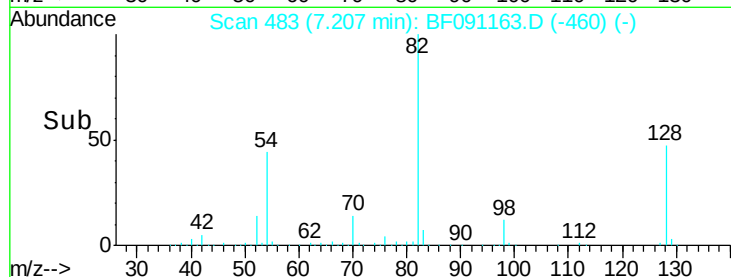
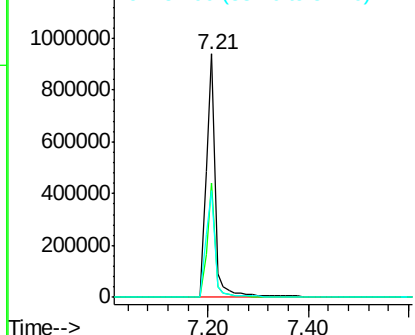
#23
 Nitrobenzene-d5
 Concen: 91.38 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Instrument :
 BNA_F
 ClientSampleID :
 PB94712BL

Tot Ion: 82 Resp: 1170814
 Ion Ratio Lower Upper
 82 100
 128 46.7 32.4 48.6
 54 43.9 39.2 58.8

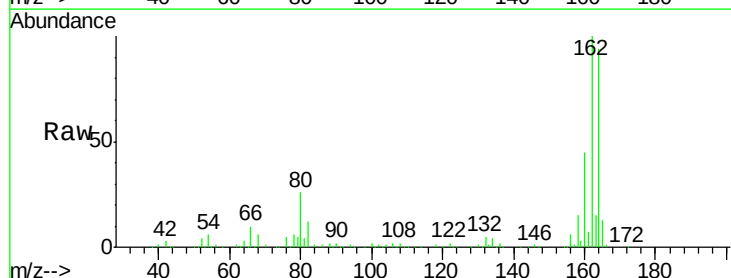


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

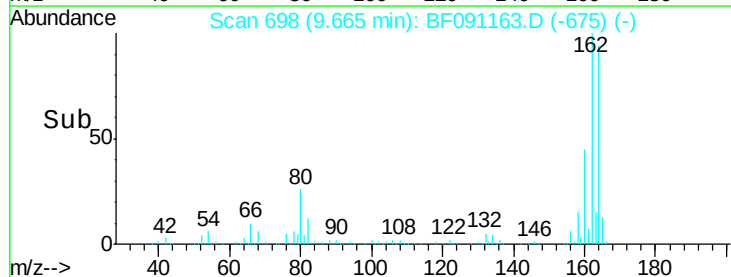
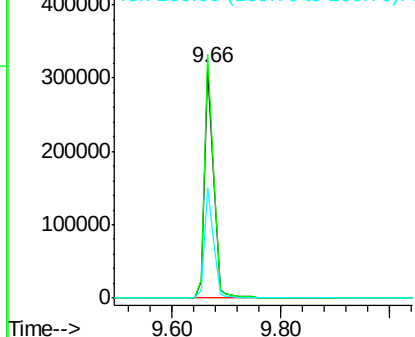


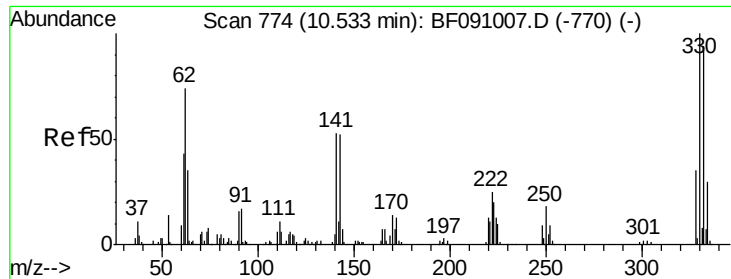
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Tgt Ion:164 Resp: 361637
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.6 125.4
 160 47.9 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

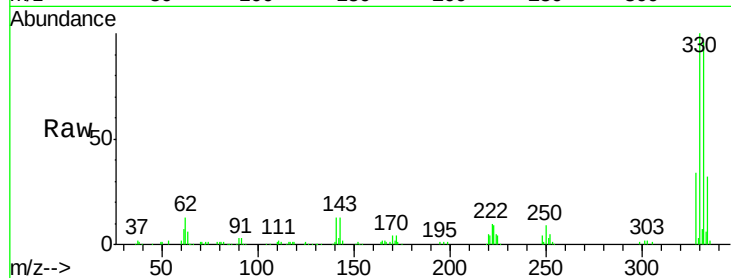




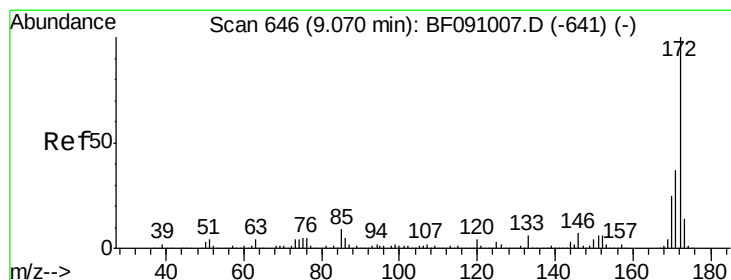
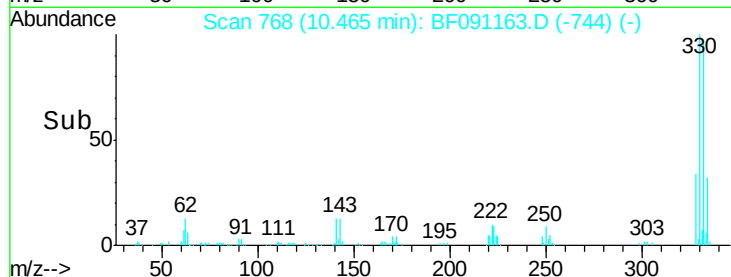
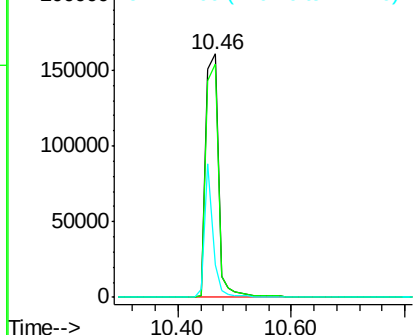
#41
 2,4,6-Tribromophenol
 Concen: 73.52 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB94712BL

Tot Ion:330 Resp: 240373
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 36.1 36.1 54.1#

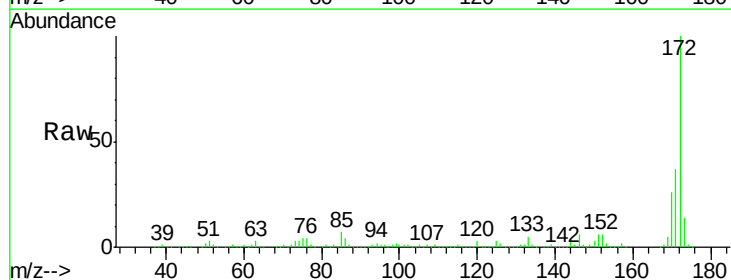


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

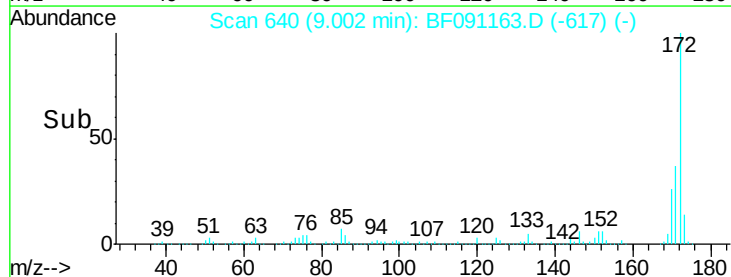
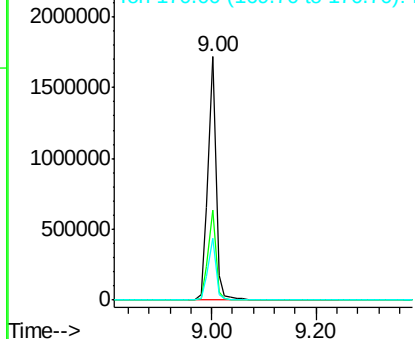


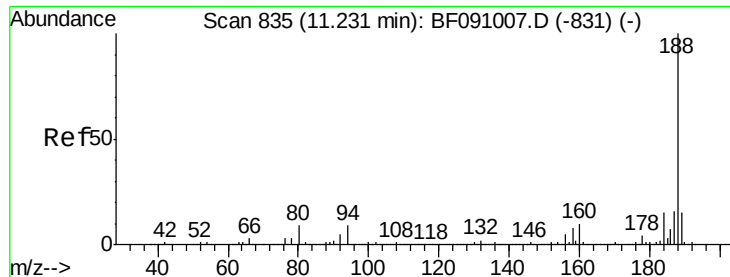
#44
 2-Fluorobiphenyl
 Concen: 88.39 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Tgt Ion:172 Resp: 1856693
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.6 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

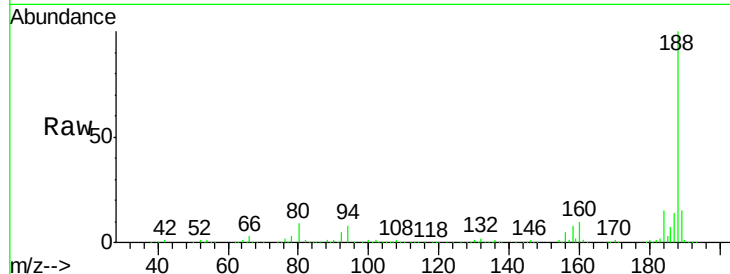




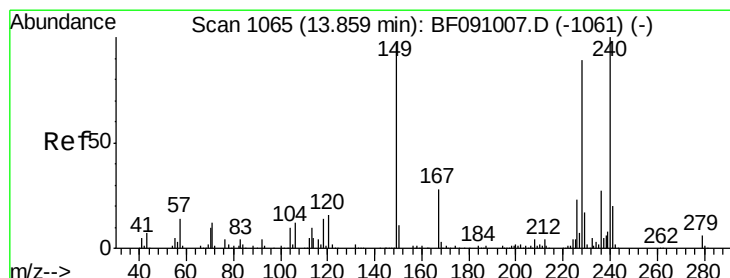
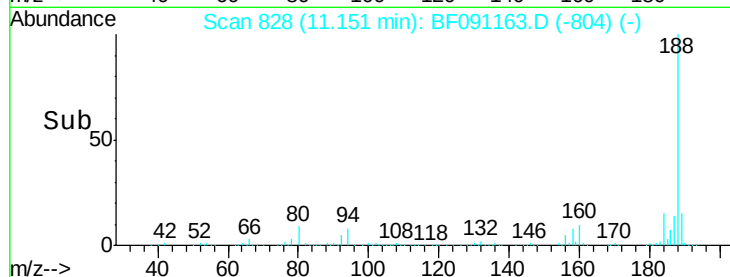
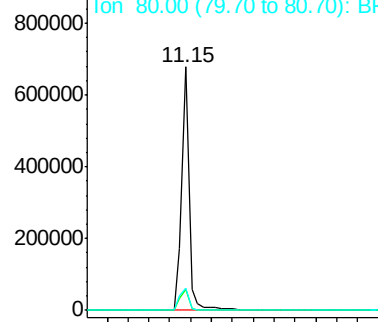
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB94712BL

Tot Ion:188 Resp: 674685
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.0 7.5 11.3

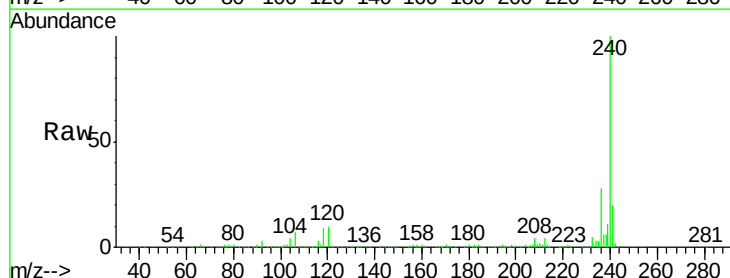


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

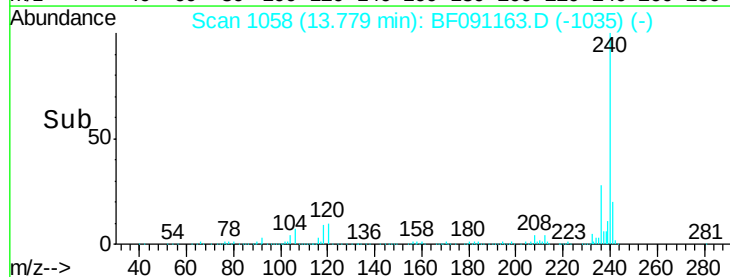
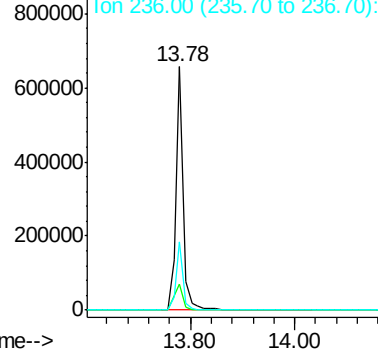


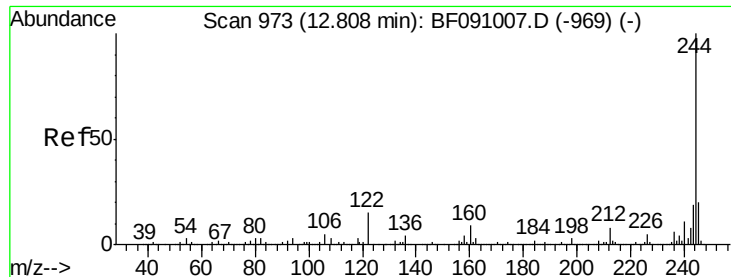
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091163.D
Acq: 14 Nov 2016 14:41

Tgt Ion:240 Resp: 637749
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 27.8 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

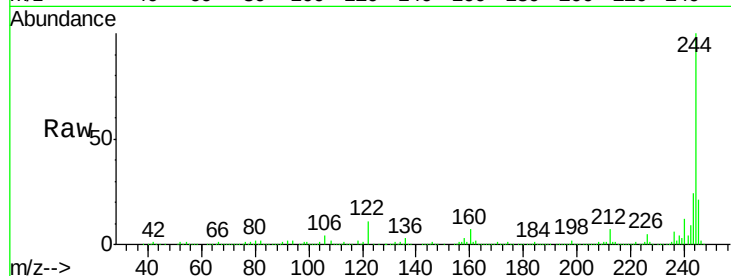




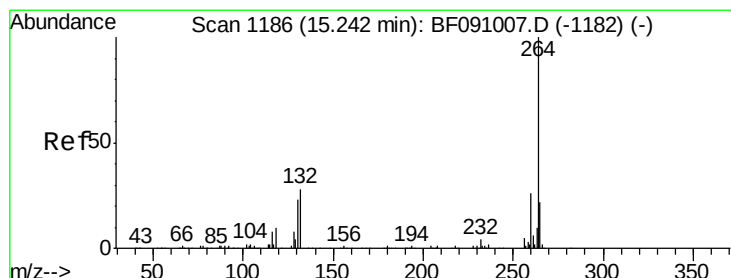
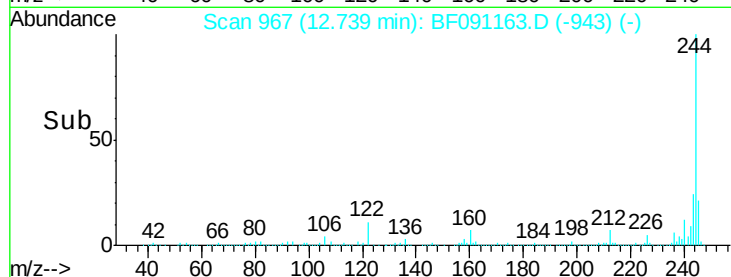
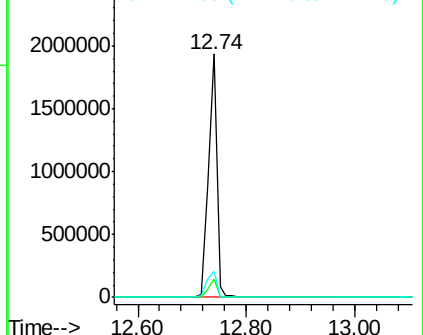
#78
 Terphenyl-d14
 Concen: 80.40 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Instrument :
 BNA_F
 ClientSampleID :
 PB94712BL

Tot Ion:244 Resp: 2054841
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 10.8 12.3 18.5#

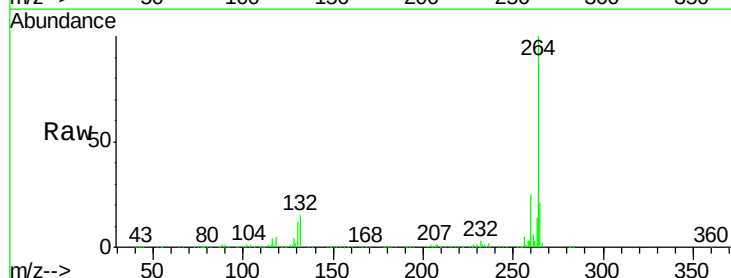


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091163.D
 Acq: 14 Nov 2016 14:41

Tgt Ion:264 Resp: 546353
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 21.4 17.8 26.8



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

