

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091168.D
 Acq On : 15 Nov 2016 9:45
 Operator : UM/SJ
 Sample : PB94688BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Quant Time: Nov 16 00:23:48 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	166769	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	708803	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	375359	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	690785	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	619161	20.00	ng	-0.03
86) Perylene-d12	15.14	264	509303	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	783750	77.62	ng	-0.01
7) Phenol-d6	6.28	99	959711	70.02	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1181949	90.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	231103	68.10	ng	-0.03
44) 2-Fluorobiphenyl	9.00	172	1865365	85.56	ng	-0.03
78) Terphenyl-d14	12.74	244	2179840	87.86	ng	-0.02

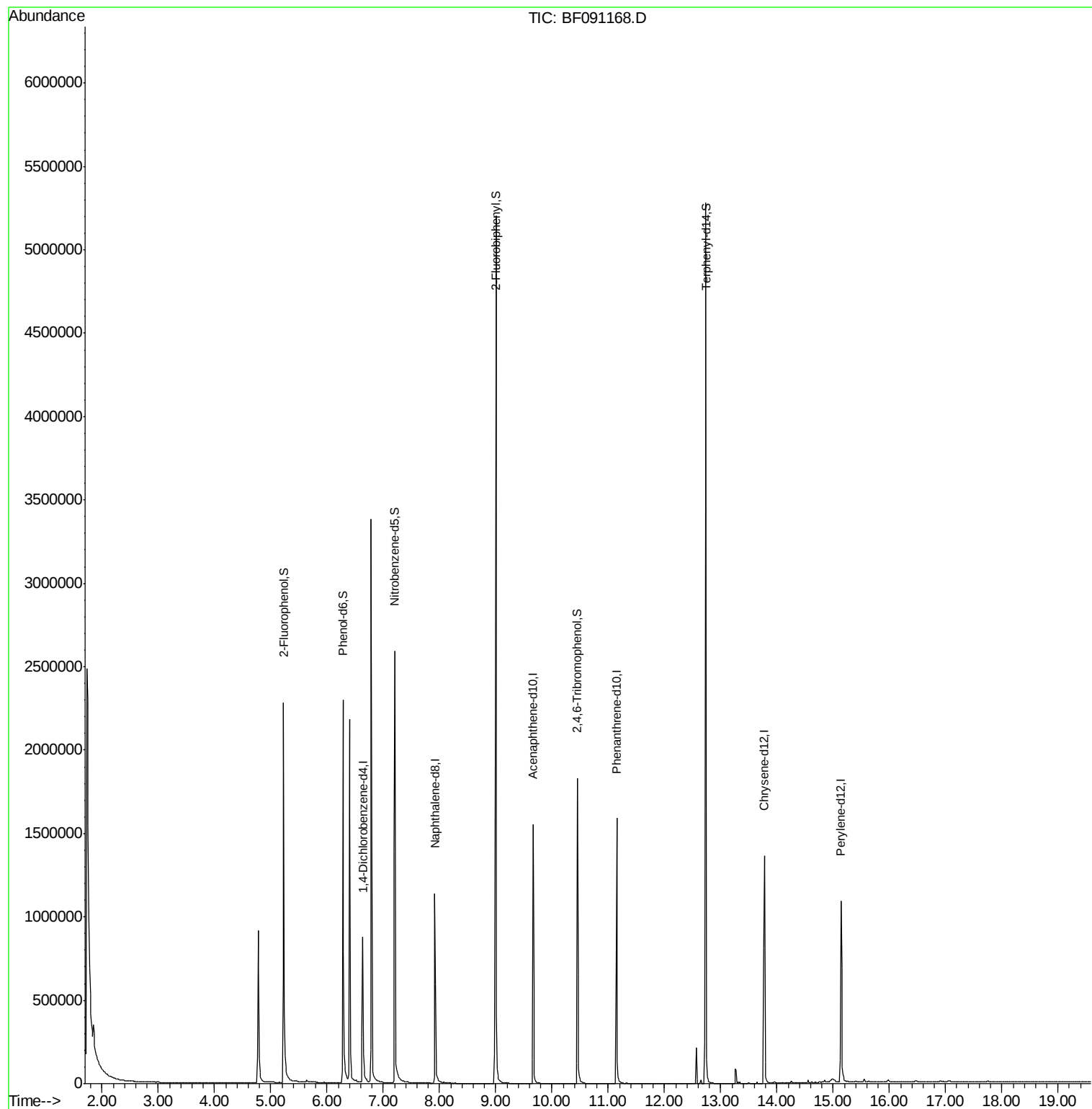
Target Compounds Qvalue

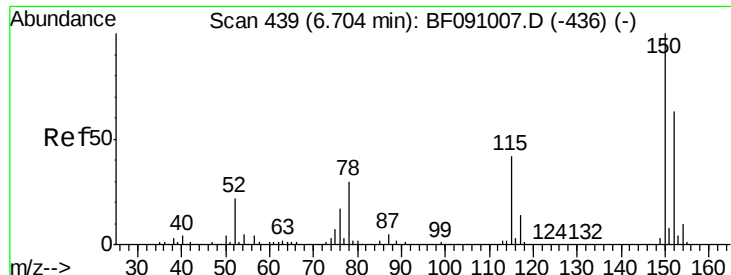
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091168.D

Acq: 15 Nov 2016 9:45

Instrument :

BNA_F

ClientSampled :

PB94688BL

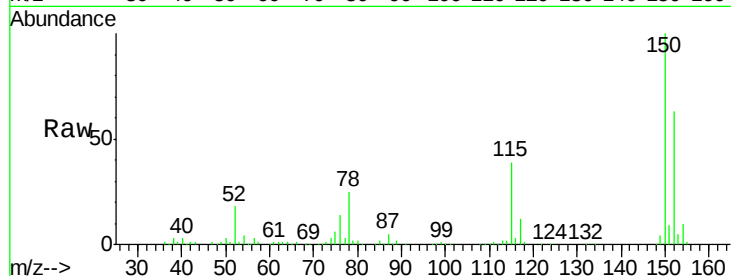
Tot Ion:152 Resp: 166769

Ion Ratio Lower Upper

152 100

150 158.7 126.8 190.2

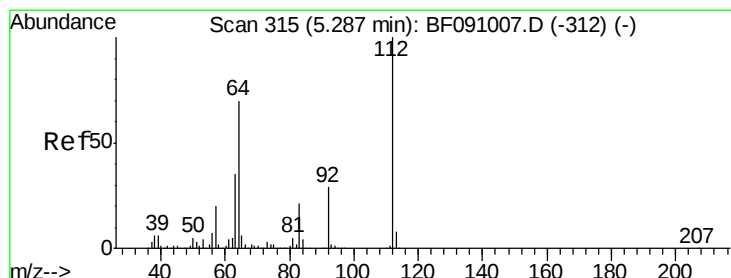
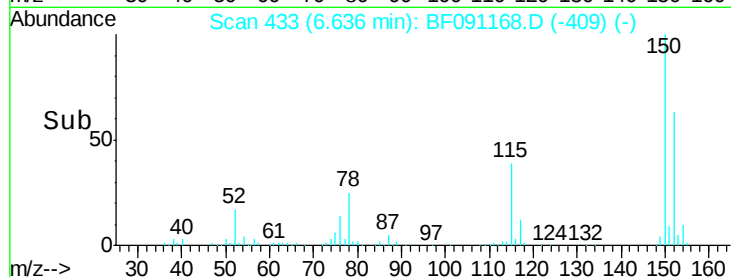
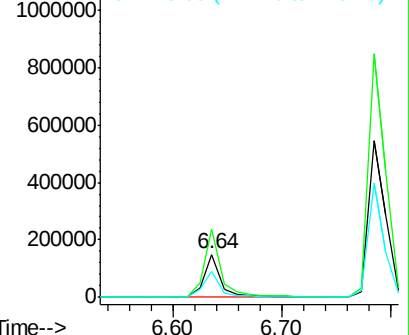
115 61.8 53.3 79.9



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: 77.62 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091168.D

Acq: 15 Nov 2016 9:45

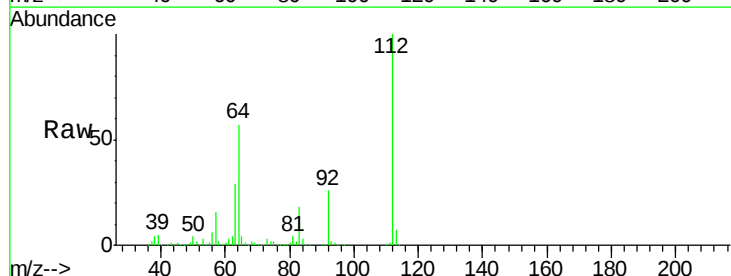
Tgt Ion:112 Resp: 783750

Ion Ratio Lower Upper

112 100

64 57.4 55.8 83.6

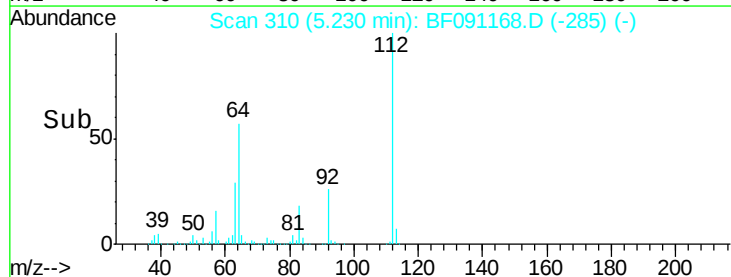
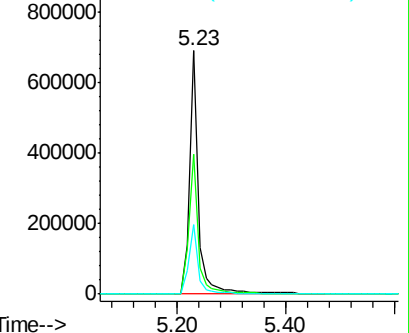
63 28.7 28.0 42.0

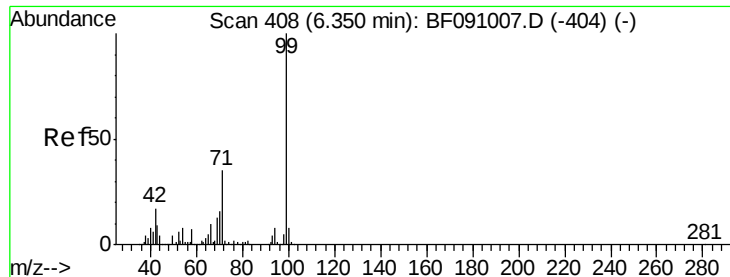


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.02 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091168.D

Acq: 15 Nov 2016 9:45

Instrument :

BNA_F

ClientSampled :

PB94688BL

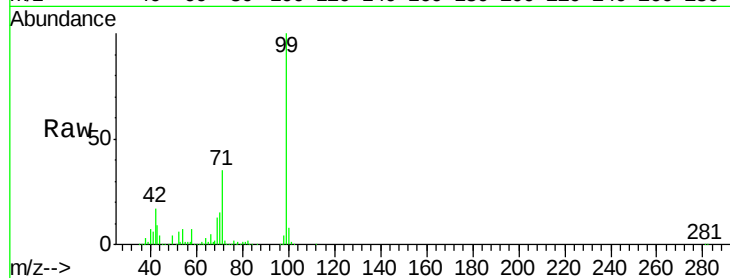
Tot Ion: 99 Resp: 959711

Ion Ratio Lower Upper

99 100

42 16.9 13.9 20.9

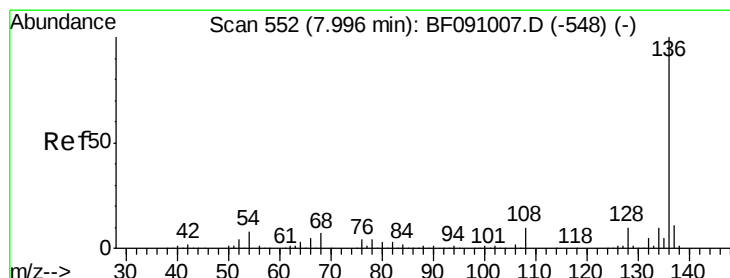
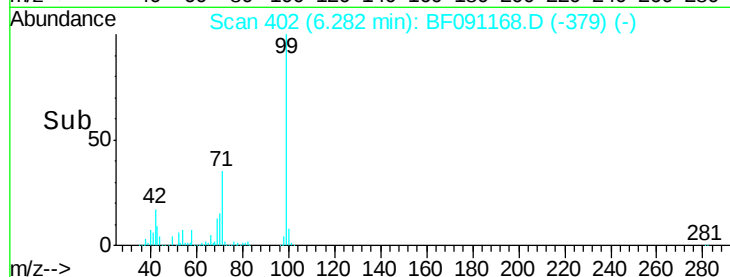
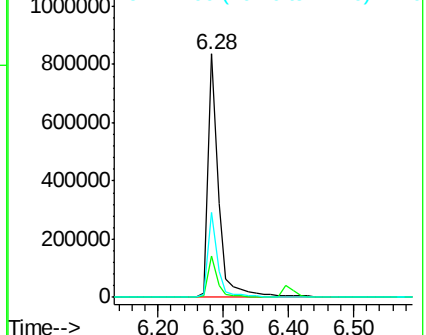
71 35.0 27.8 41.8



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: BF091168.D

Acq: 15 Nov 2016 9:45

Tgt Ion: 136 Resp: 708803

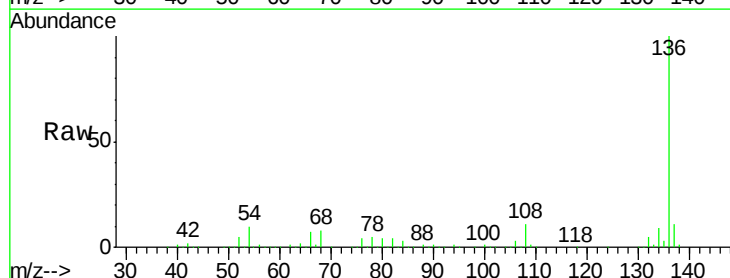
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.2 9.2#

68 8.2 5.5 8.3

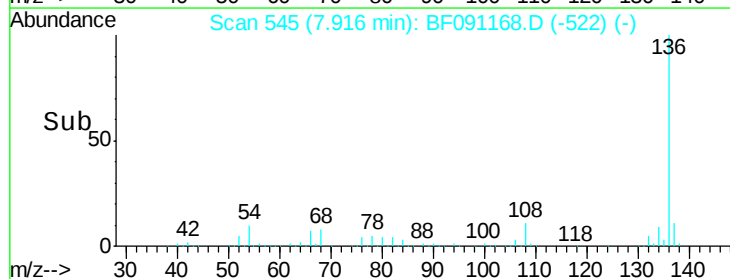
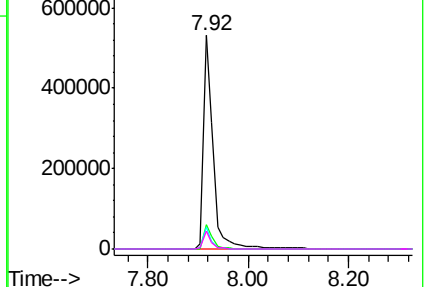


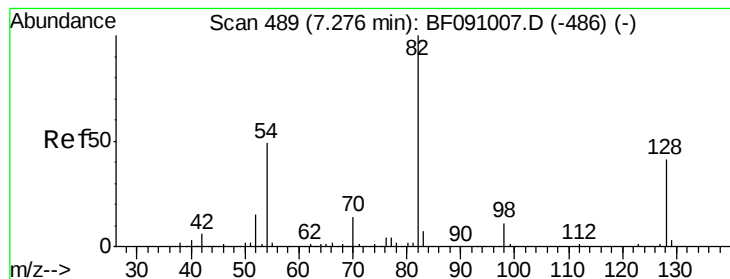
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.96 ng

RT: 7.21 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF091168.D

Acq: 15 Nov 2016 9:45

Instrument :

BNA_F

ClientSampleId :

PB94688BL

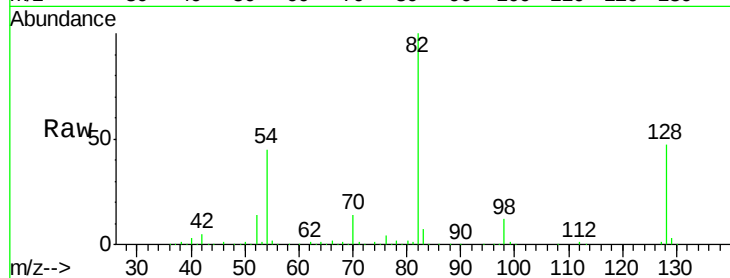
Tot Ion: 82 Resp: 1181949

Ion Ratio Lower Upper

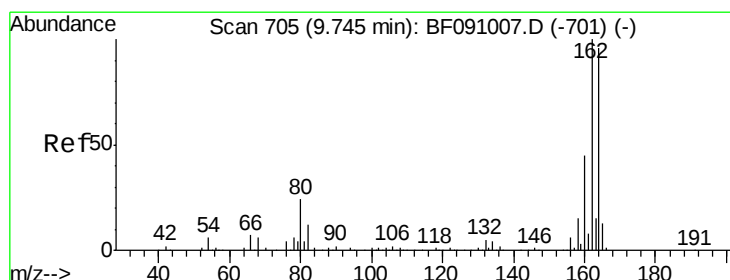
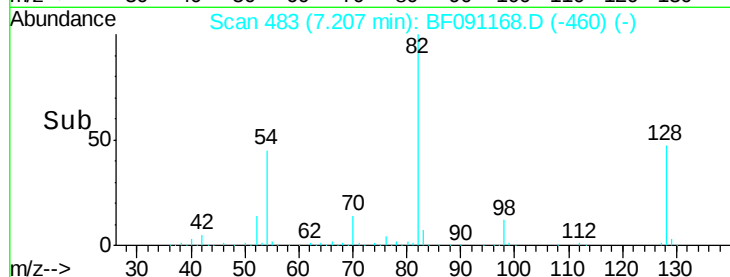
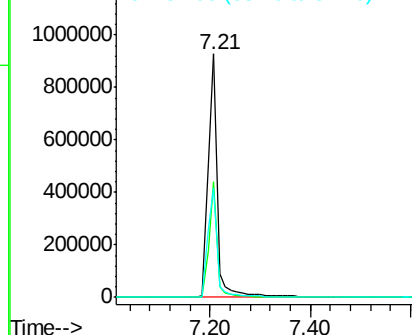
82 100

128 47.5 32.4 48.6

54 44.7 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: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091168.D

Acq: 15 Nov 2016 9:45

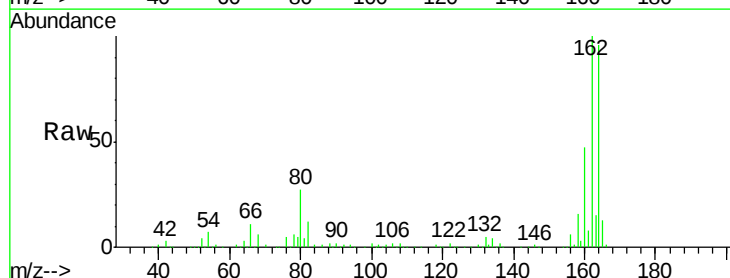
Tgt Ion:164 Resp: 375359

Ion Ratio Lower Upper

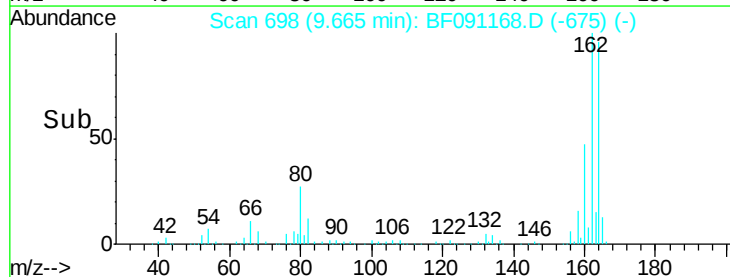
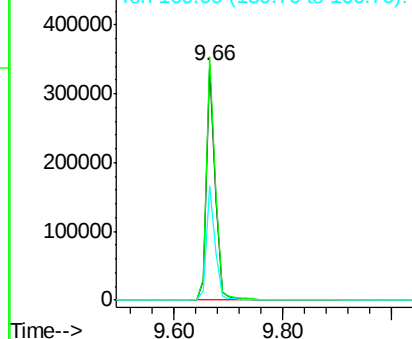
164 100

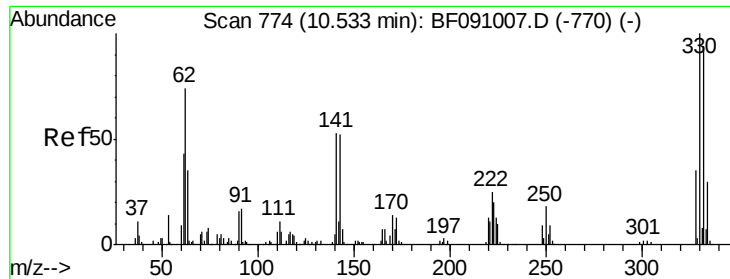
162 103.9 83.6 125.4

160 49.0 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

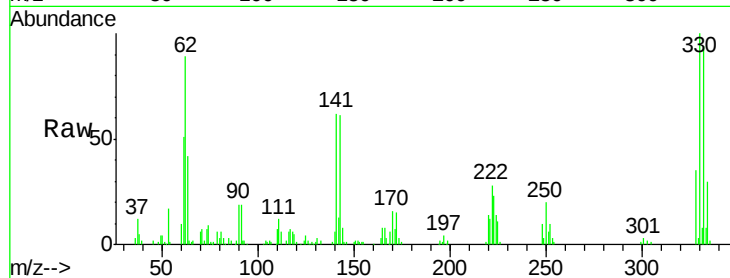




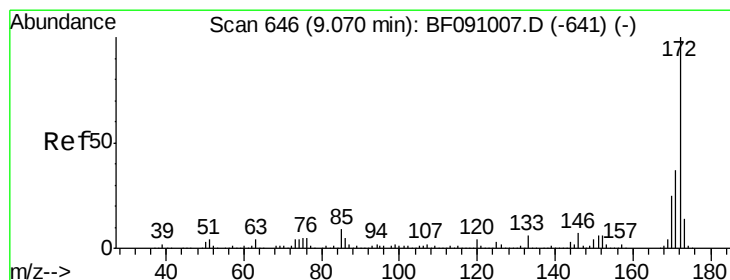
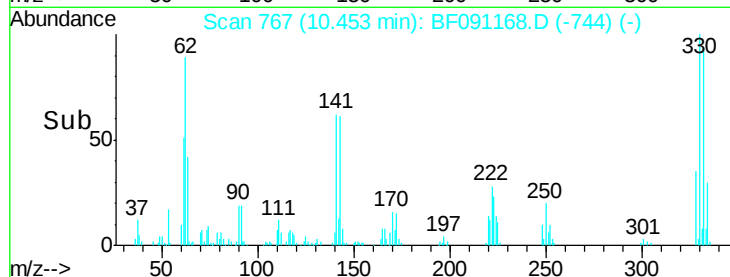
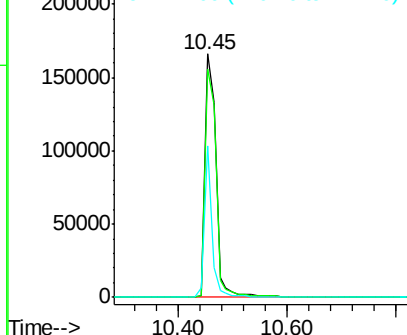
#41
 2,4,6-Tribromophenol
 Concen: 68.10 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091168.D
 Acq: 15 Nov 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Tot Ion:330 Resp: 231103
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.9 113.9
 141 42.5 36.1 54.1

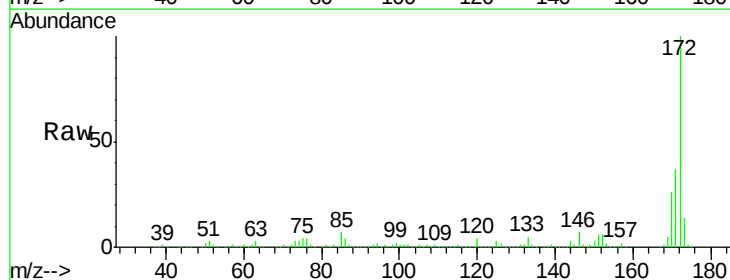


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

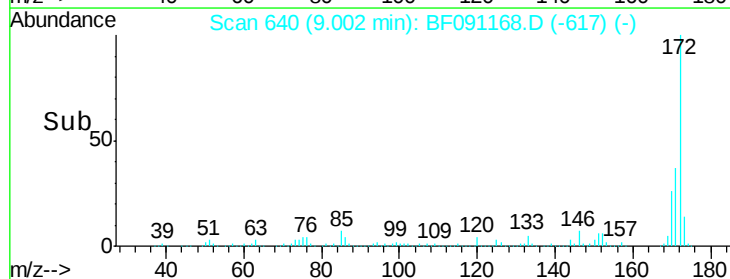
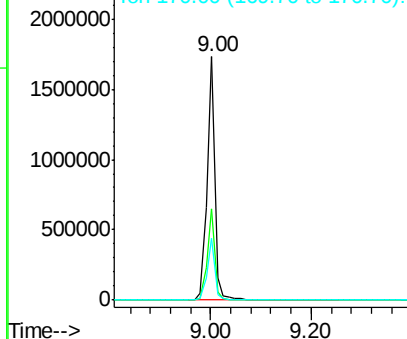


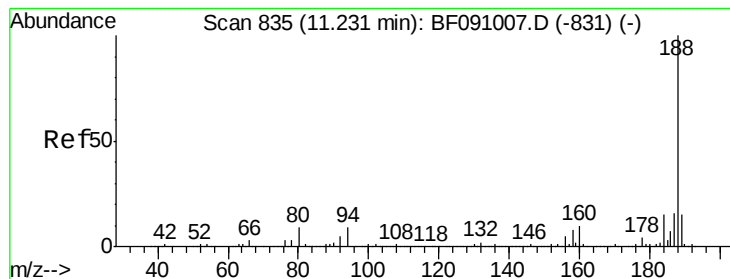
#44
 2-Fluorobiphenyl
 Concen: 85.56 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091168.D
 Acq: 15 Nov 2016 9:45

Tgt Ion:172 Resp: 1865365
 Ion Ratio Lower Upper
 172 100
 171 37.3 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: BF091168.D

Acq: 15 Nov 2016 9:45

Instrument :

BNA_F

ClientSampleId :

PB94688BL

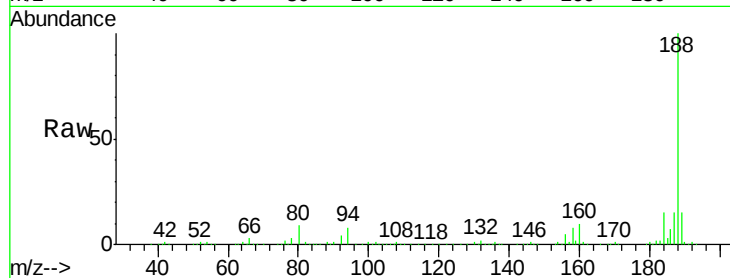
Tot Ion:188 Resp: 690785

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

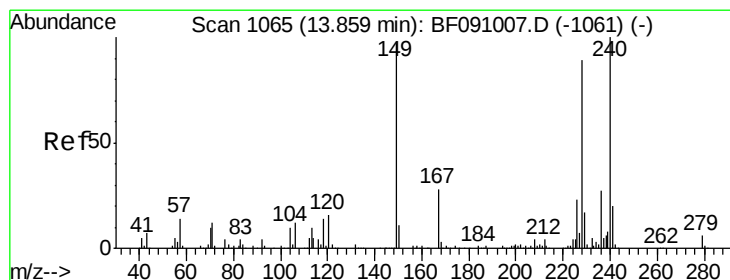
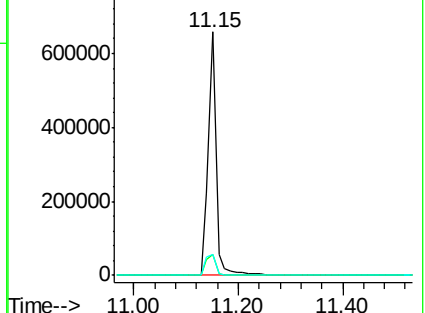
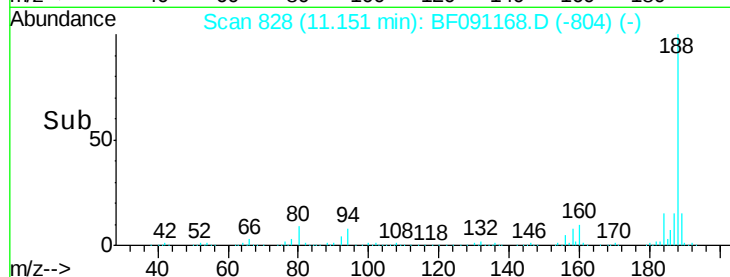
80 8.8 7.5 11.3



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: BF091168.D

Acq: 15 Nov 2016 9:45

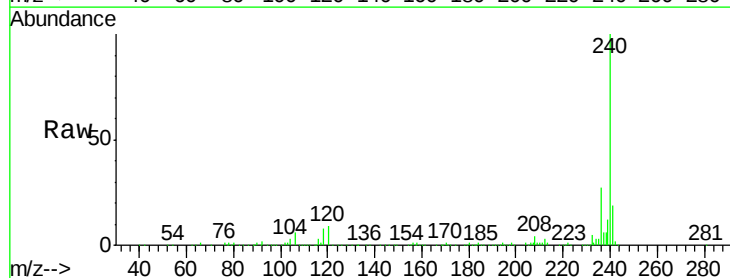
Tgt Ion:240 Resp: 619161

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

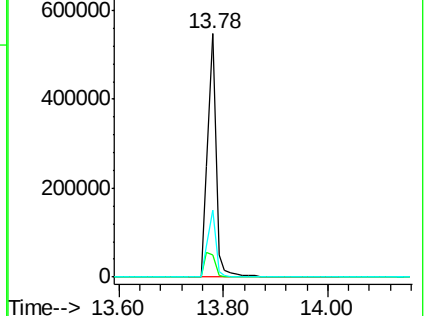
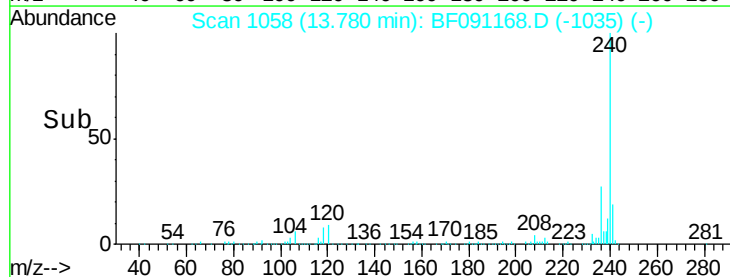
236 27.3 21.9 32.9

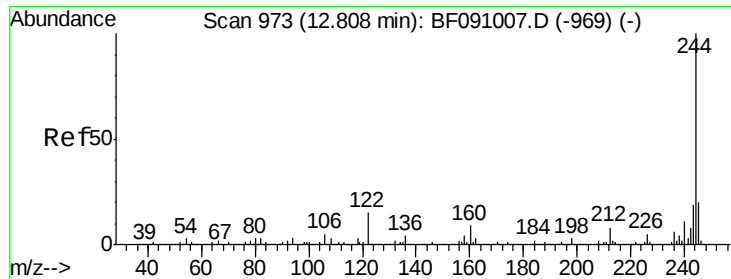


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

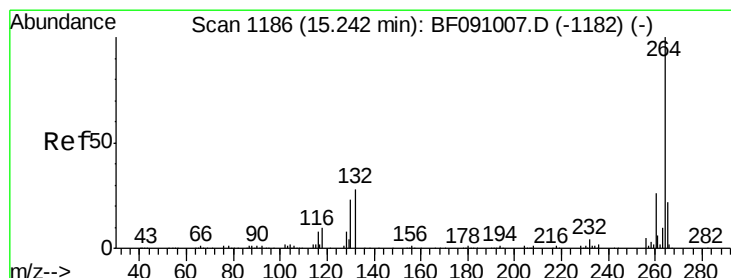
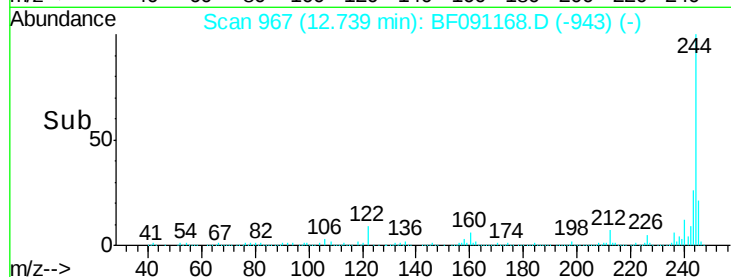
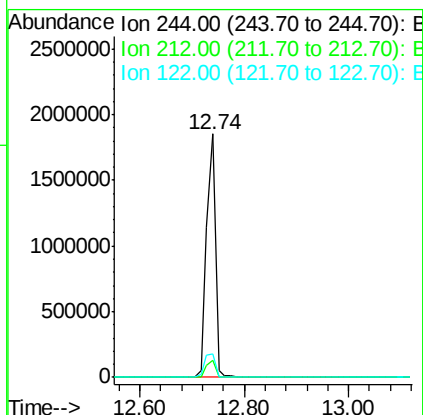
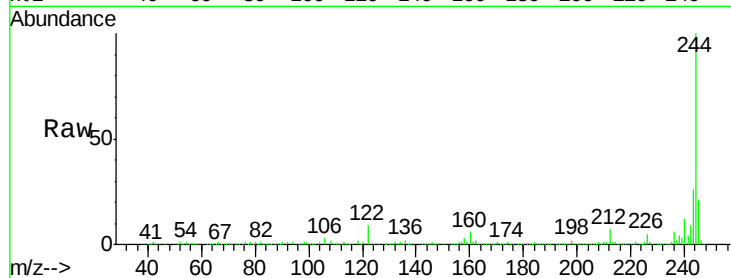




#78
 Terphenyl-d14
 Concen: 87.86 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091168.D
 Acq: 15 Nov 2016 9:45

Instrument :
 BNA_F
 ClientSampleId :
 PB94688BL

Tot Ion:244 Resp: 2179840
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.4 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091168.D
 Acq: 15 Nov 2016 9:45

Tgt Ion:264 Resp: 509303
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 22.0 17.8 26.8

