

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090300.D
 Acq On : 29 Sep 2016 20:11
 Operator : UM/SJ
 Sample : H5021-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Quant Time: Sep 30 01:14:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

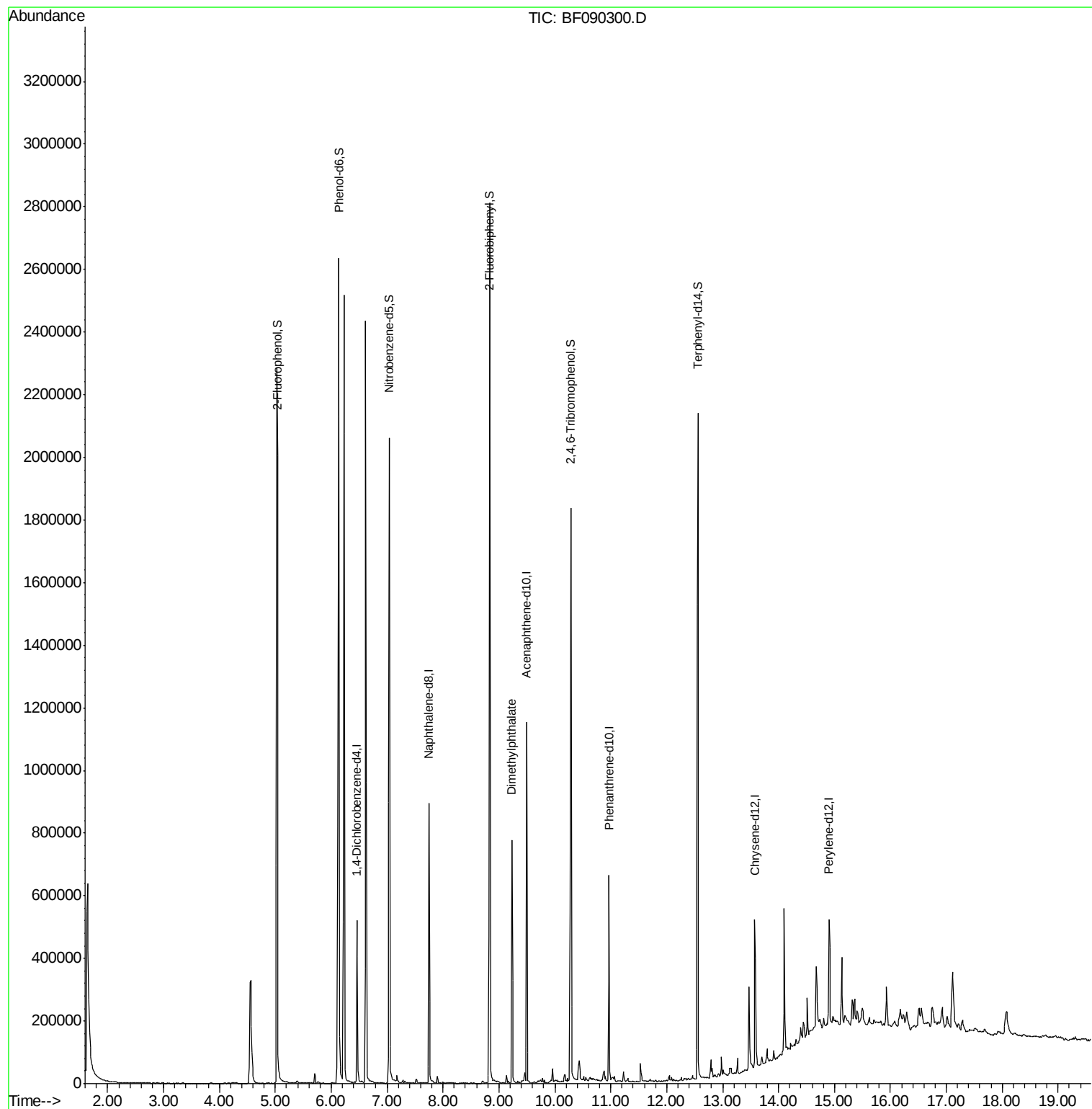
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	122732	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	446288	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	228549	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	280723	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	220116	20.00	ng	-0.02
86) Perylene-d12	14.90	264	171921	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1176028	156.19	ng	0.01
7) Phenol-d6	6.14	99	1633759	175.69	ng	0.00
23) Nitrobenzene-d5	7.04	82	844136	109.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	232738	118.70	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	1371309	117.79	ng	-0.02
78) Terphenyl-d14	12.56	244	894127	103.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.23	163	386071	26.52	ng	Qvalue 98

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

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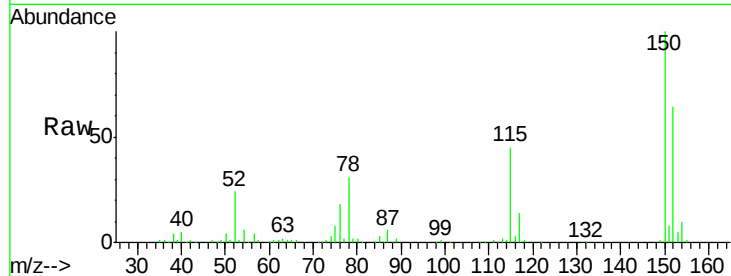


#1

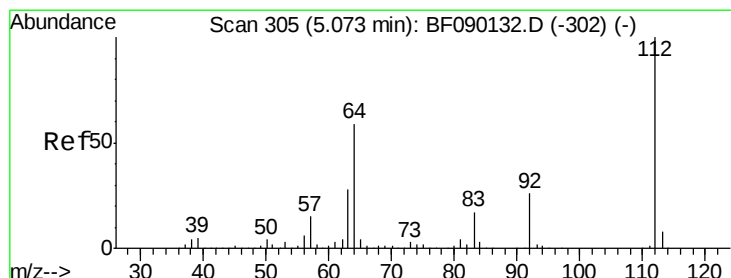
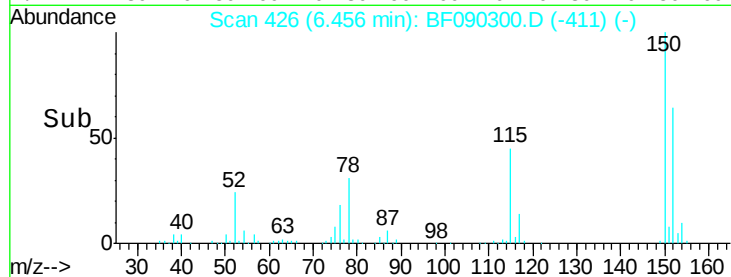
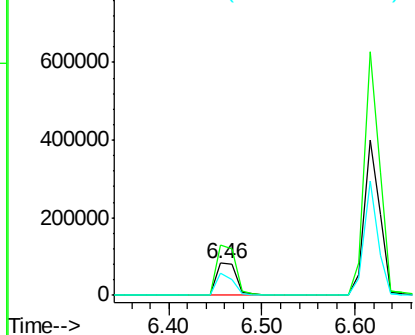
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090300.D
Acq: 29 Sep 2016 20:11

Instrument :
BNA_F
ClientSampleId :
MSP-BPM

Tot Ion:152 Resp: 122732
Ion Ratio Lower Upper
152 100
150 157.1 128.9 193.3
115 71.0 55.5 83.3



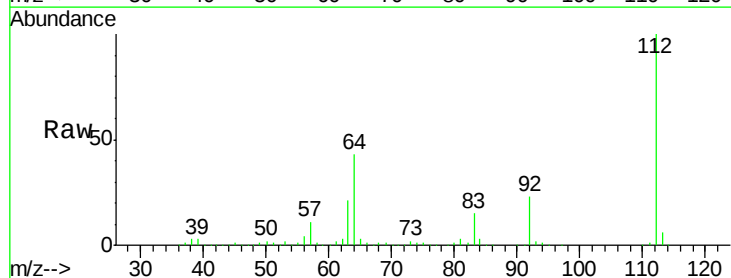
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



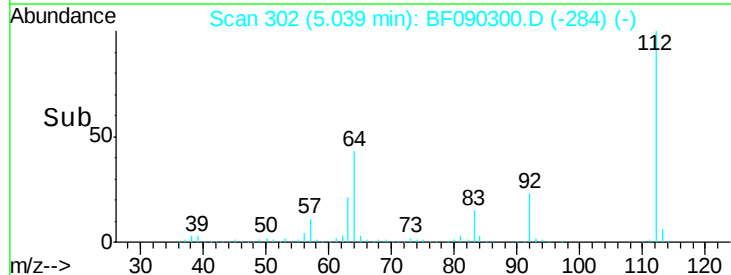
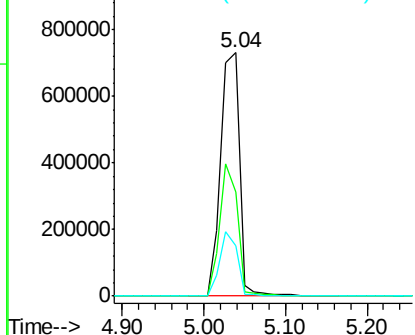
#5

2-Fluorophenol
Concen: 156.19 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090300.D
Acq: 29 Sep 2016 20:11

Tgt Ion:112 Resp: 1176028
Ion Ratio Lower Upper
112 100
64 43.0 39.8 59.6
63 20.7 18.9 28.3



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: 175.69 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

Instrument :

BNA_F

ClientSampled :

MSP-BPM

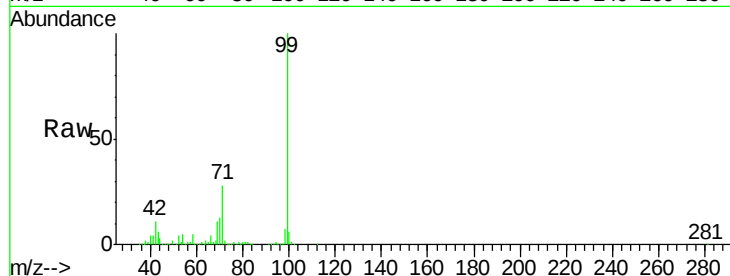
Tot Ion: 99 Resp: 1633759

Ion Ratio Lower Upper

99 100

42 11.2 10.6 15.8

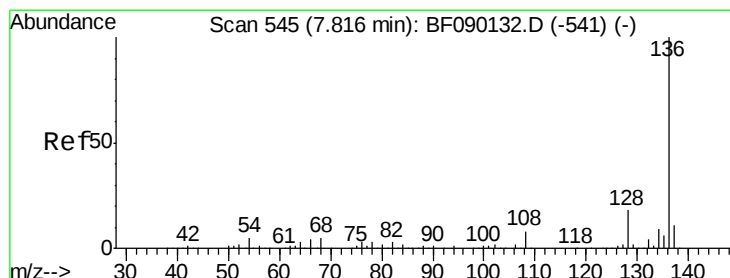
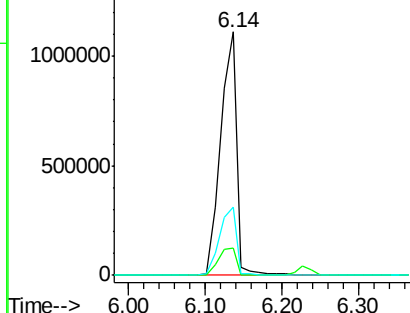
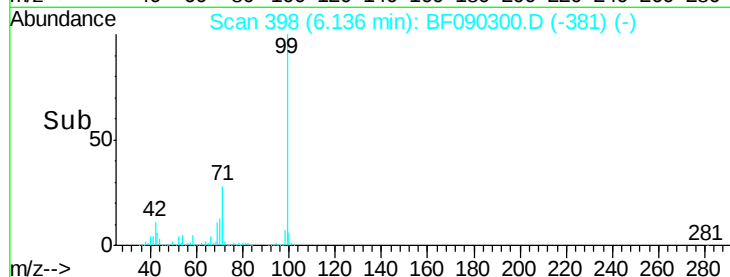
71 28.2 23.0 34.6



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: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

Tgt Ion: 136 Resp: 446288

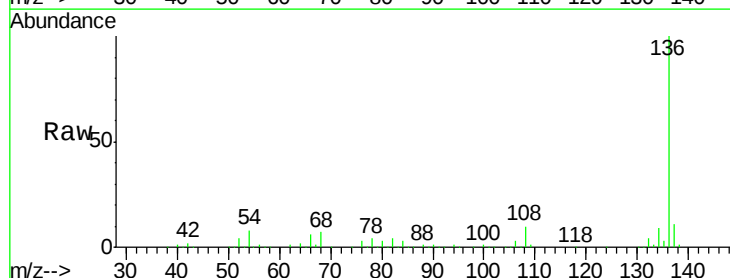
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.2 6.4 9.6

68 7.4 6.3 9.5

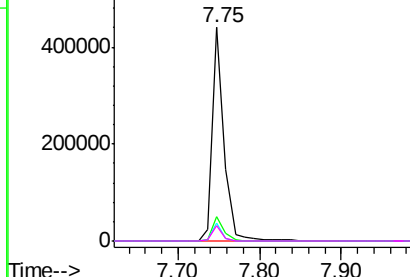
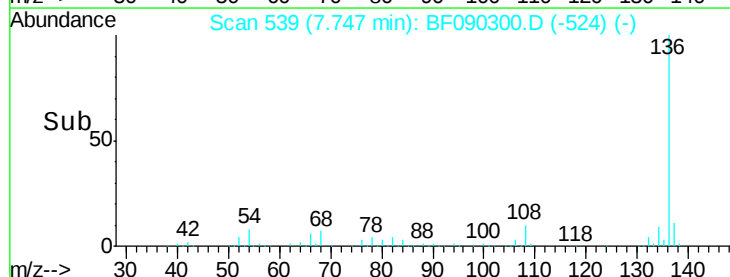


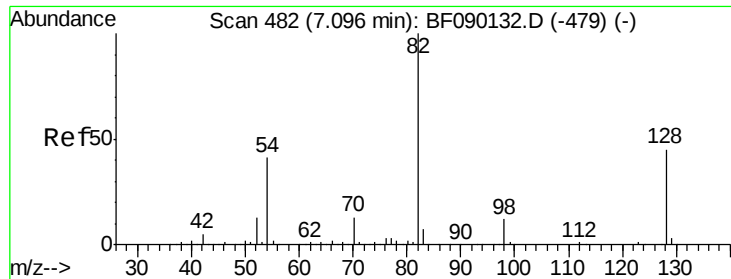
Abundance Ion 136.00 (135.70 to 136.70): E

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

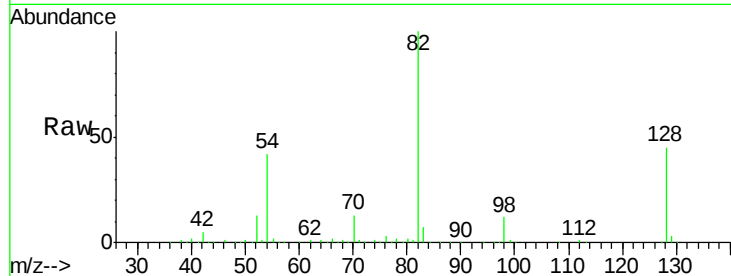




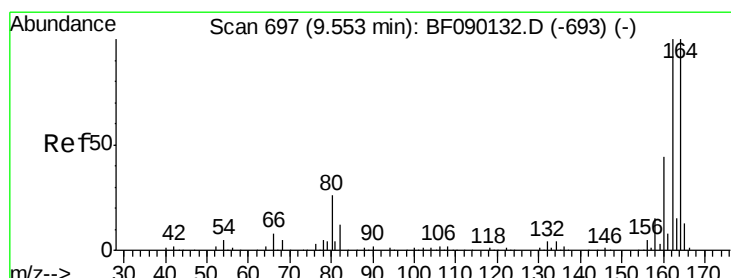
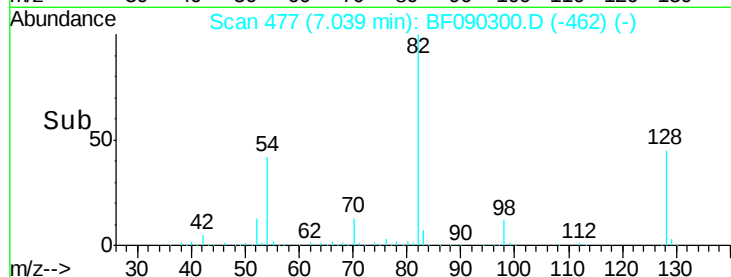
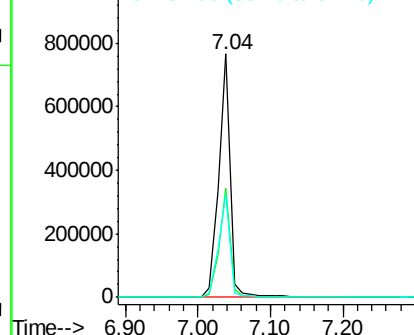
#23
 Nitrobenzene-d5
 Concen: 109.65 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090300.D
 Acq: 29 Sep 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Tot Ion: 82 Resp: 844136
 Ion Ratio Lower Upper
 82 100
 128 45.1 37.5 56.3
 54 42.3 31.9 47.9

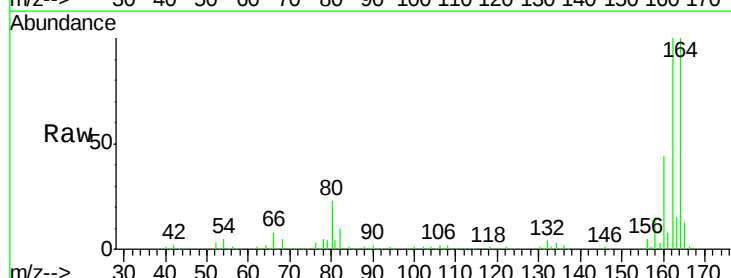


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

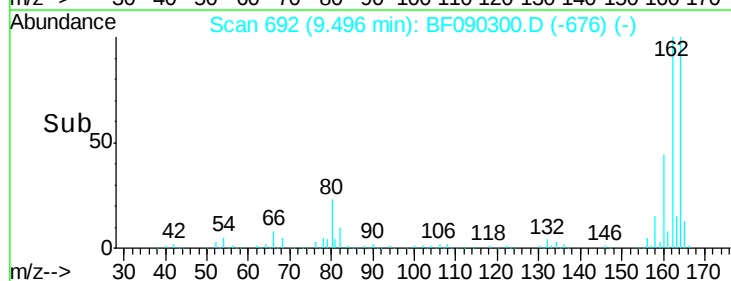
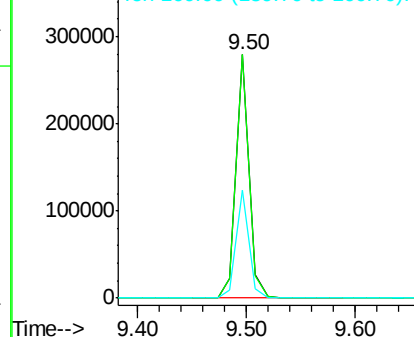


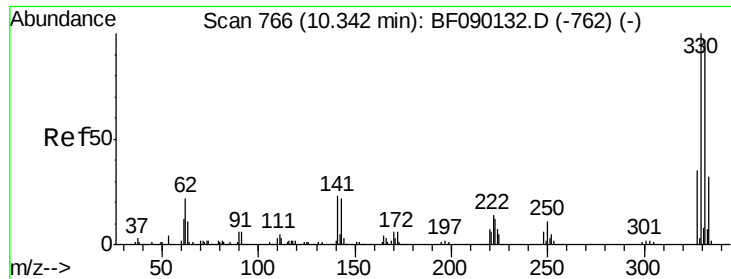
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090300.D
 Acq: 29 Sep 2016 20:11

Tgt Ion: 164 Resp: 228549
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.4 122.2
 160 44.1 36.6 54.8



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

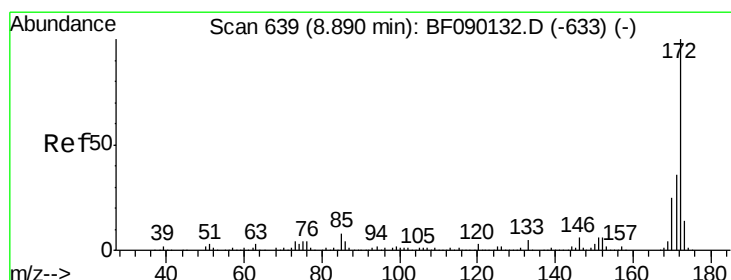
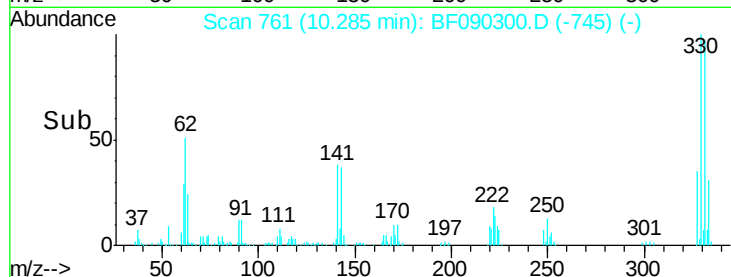
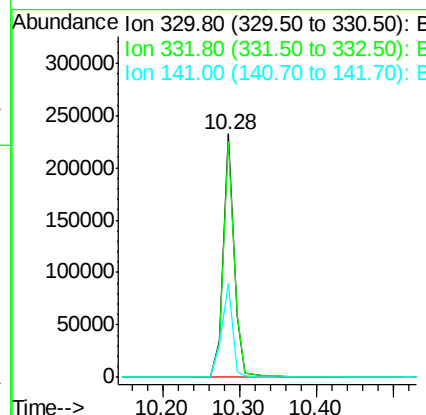
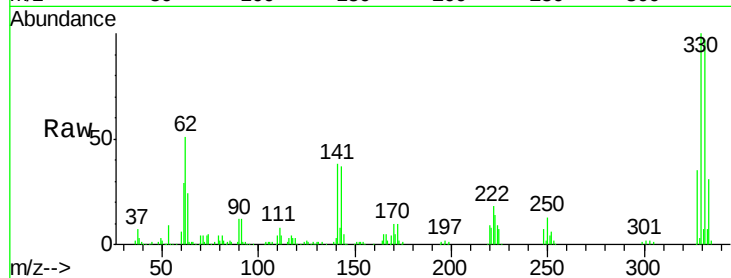




#41
 2,4,6-Tribromophenol
 Concen: 118.70 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090300.D
 Acq: 29 Sep 2016 20:11

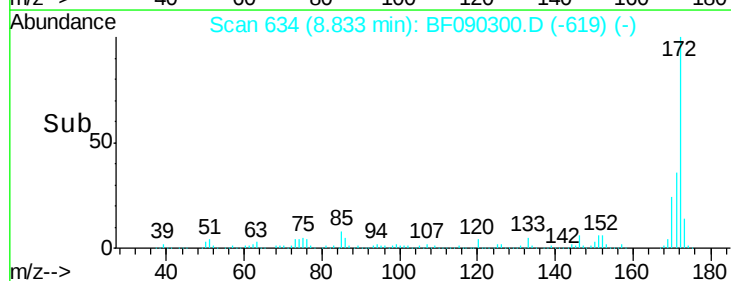
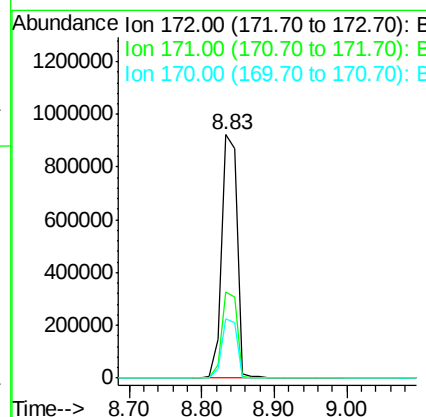
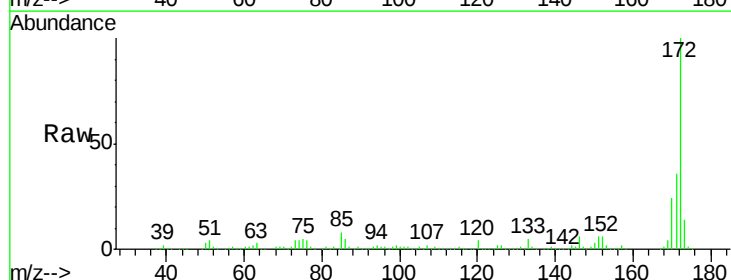
Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

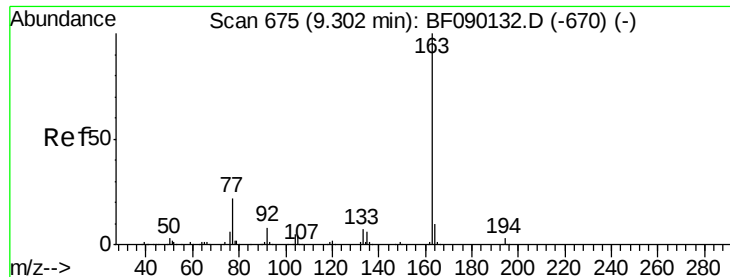
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	38.0	23.9	35.9#



#44
 2-Fluorobiphenyl
 Concen: 117.79 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090300.D
 Acq: 29 Sep 2016 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 26.52 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

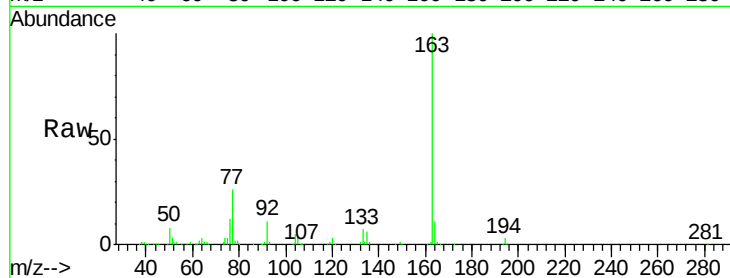
Tot Ion:163 Resp: 386071

Ion Ratio Lower Upper

163 100

194 2.8 2.8 4.2

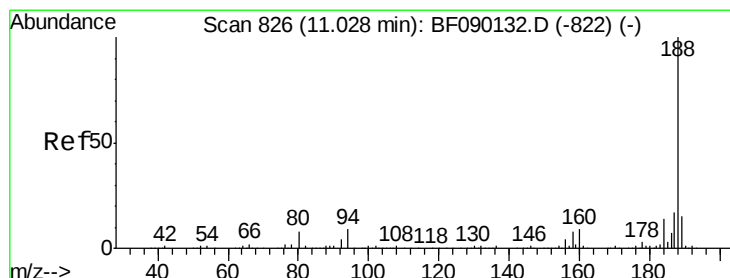
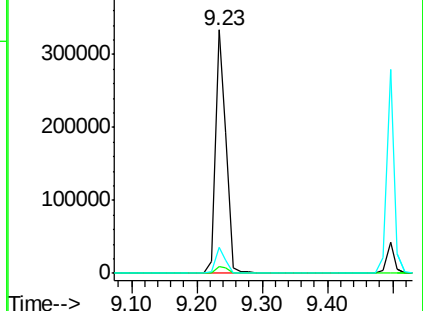
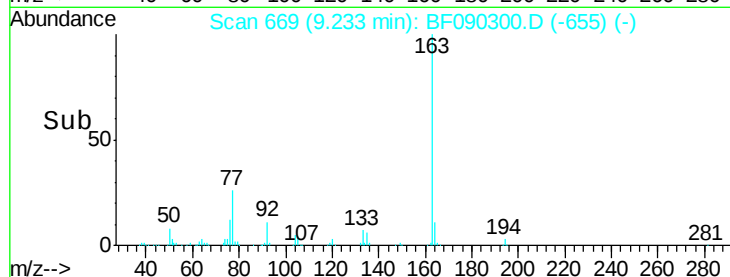
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

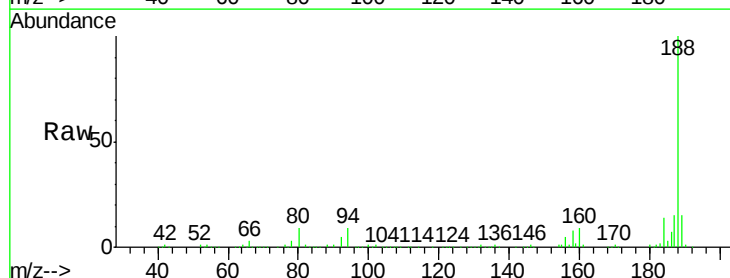
Tgt Ion:188 Resp: 280723

Ion Ratio Lower Upper

188 100

94 8.9 10.5 15.7#

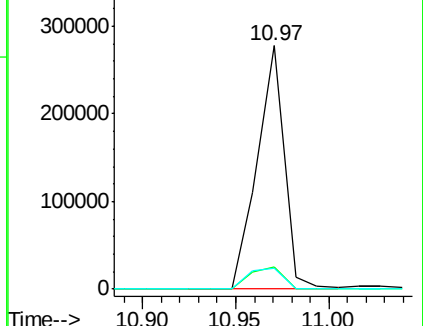
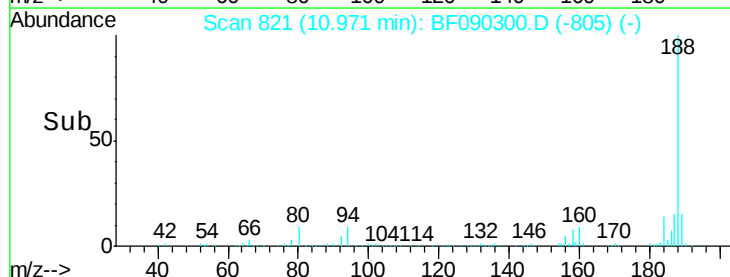
80 8.8 11.2 16.8#

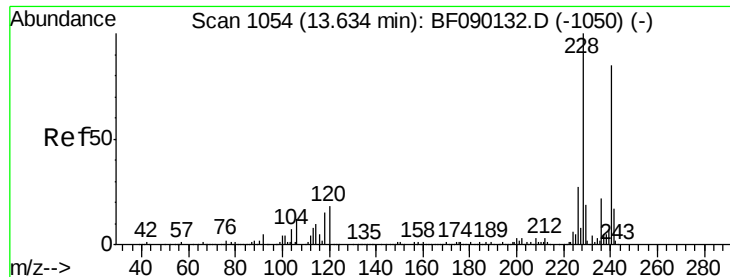


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

Instrument :

BNA_F

ClientSampleId :

MSP-BPM

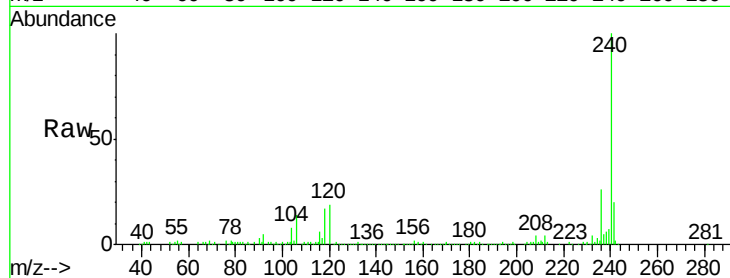
Tot Ion:240 Resp: 220116

Ion Ratio Lower Upper

240 100

120 19.2 10.6 16.0#

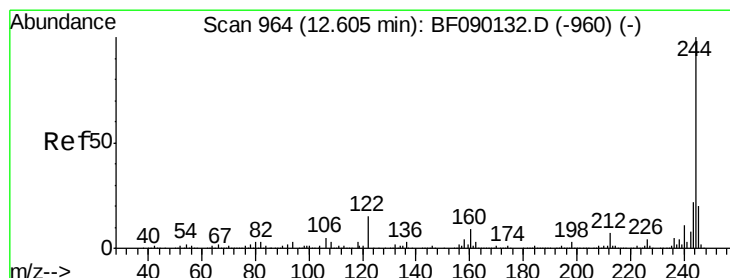
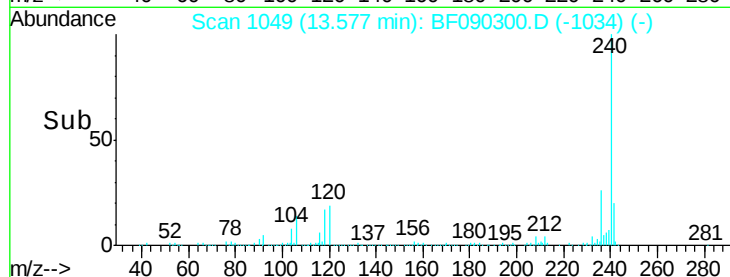
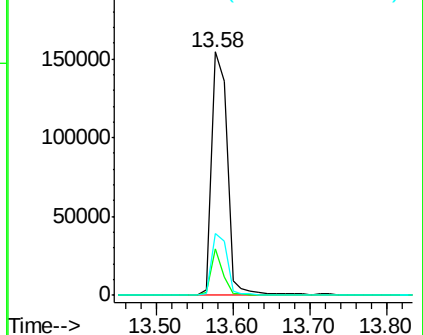
236 25.5 21.6 32.4



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: 103.13 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090300.D

Acq: 29 Sep 2016 20:11

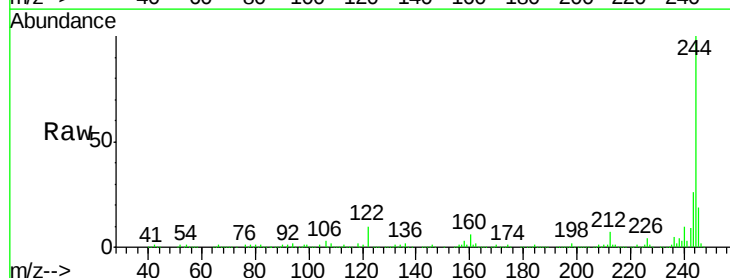
Tgt Ion:244 Resp: 894127

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

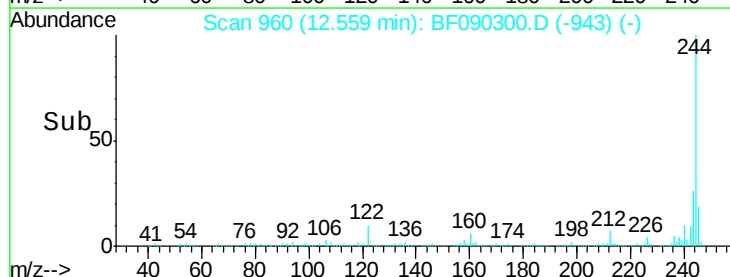
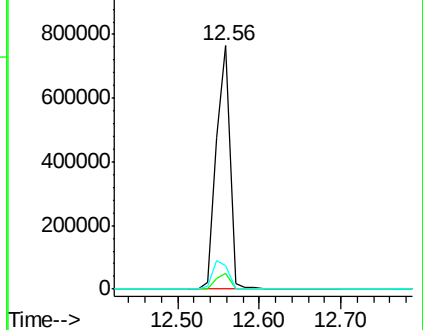
122 9.8 9.4 14.0

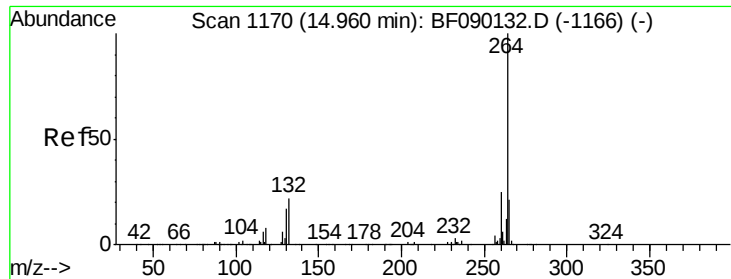


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

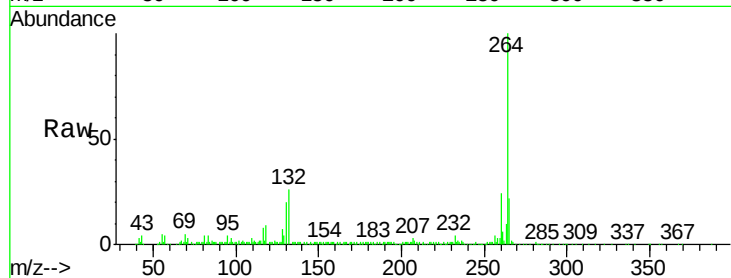




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090300.D
 Acq: 29 Sep 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 MSP-BPM

Tot Ion: 264 Resp: 171921
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.0 17.0 25.4



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

