

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090163.D
 Acq On : 21 Sep 2016 16:27
 Operator : UM/SJ
 Sample : H4860-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Sep 22 02:16:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

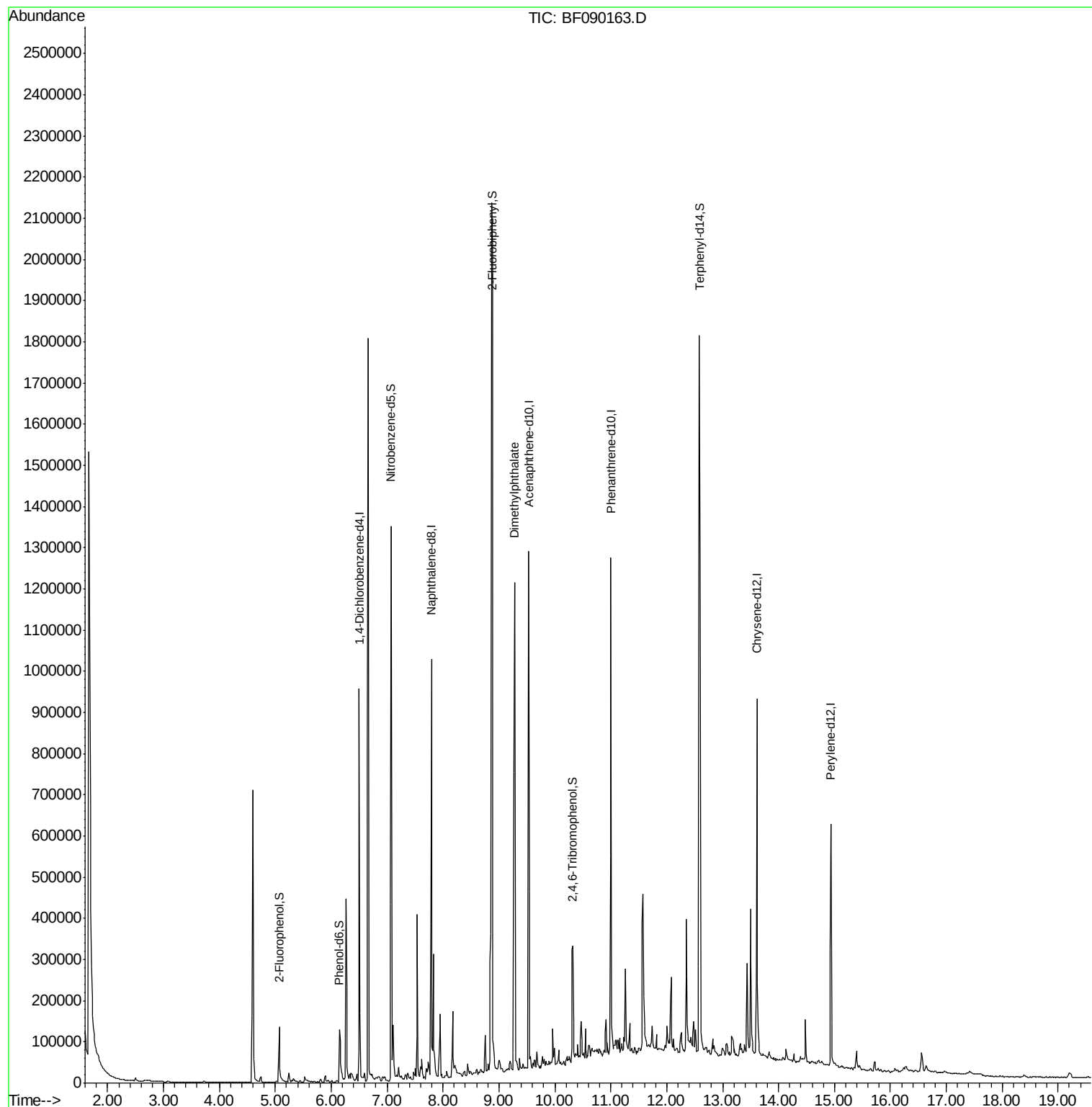
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	148982	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	545468	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	297829	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	503513	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	305914	20.00	ng	-0.02
86) Perylene-d12	14.94	264	261769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	68000	7.44	ng	0.00
7) Phenol-d6	6.15	99	83129	7.36	ng	-0.02
23) Nitrobenzene-d5	7.07	82	536046	56.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	55243	21.62	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	1091603	71.95	ng	-0.01
78) Terphenyl-d14	12.58	244	775749	64.38	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.28	163	681534	35.93	ng	100

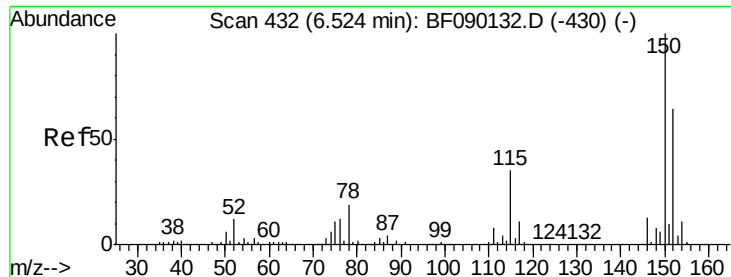
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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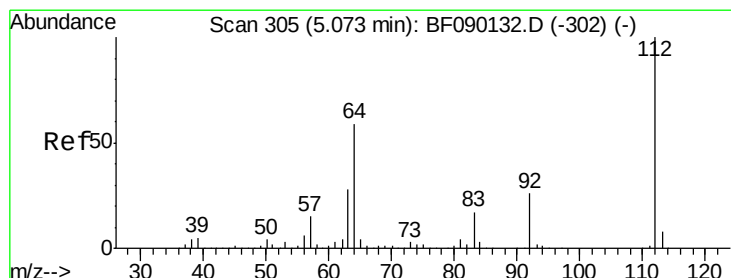
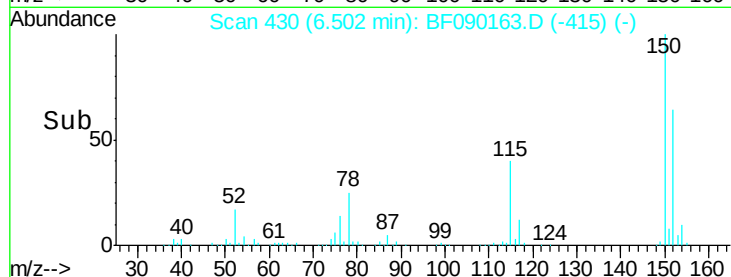
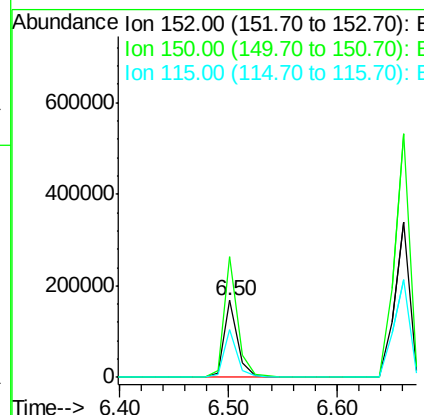
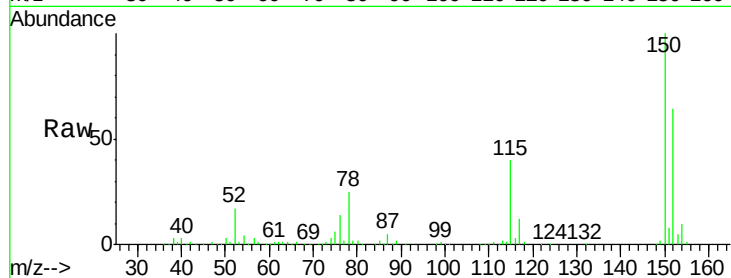


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090163.D
Acq: 21 Sep 2016 16:27

Instrument :
BNA_F
ClientSampleId :
MW-5

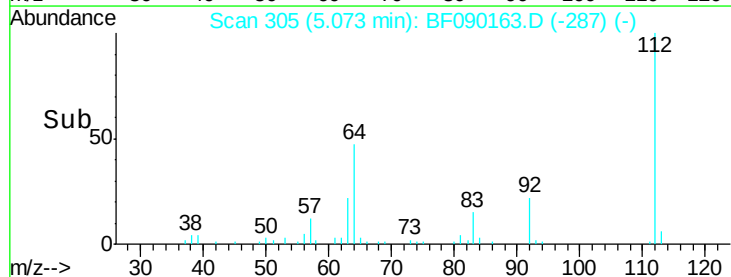
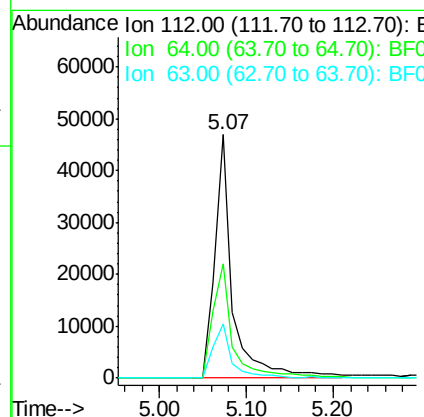
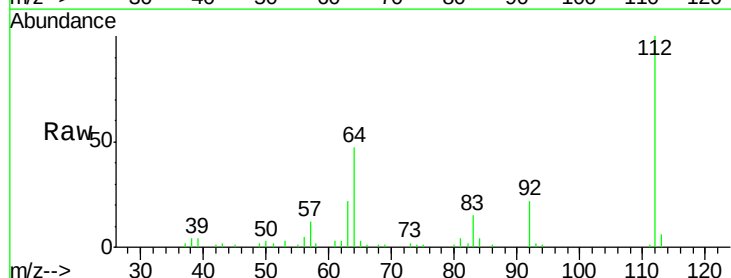
Tot Ion:152 Resp: 148982
Ion Ratio Lower Upper
152 100
150 157.4 128.9 193.3
115 62.6 55.5 83.3

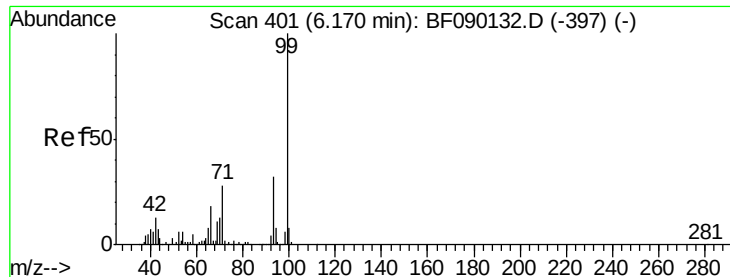


#5

2-Fluorophenol
Concen: 7.44 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090163.D
Acq: 21 Sep 2016 16:27

Tgt Ion:112 Resp: 68000
Ion Ratio Lower Upper
112 100
64 47.1 39.8 59.6
63 22.4 18.9 28.3





#7

Phenol-d6

Concen: 7.36 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

Instrument :

BNA_F

ClientSampleId :

MW-5

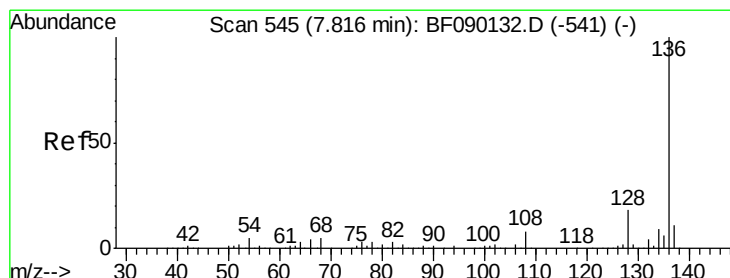
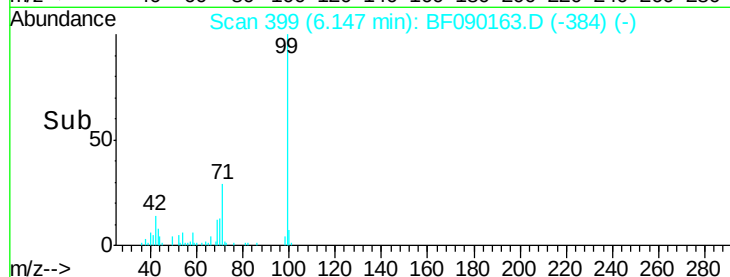
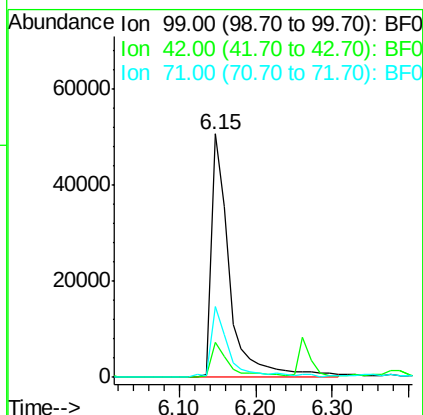
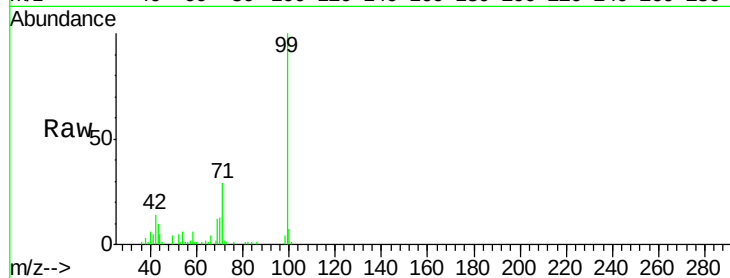
Tot Ion: 99 Resp: 83129

Ion Ratio Lower Upper

99 100

42 14.4 10.6 15.8

71 29.1 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

Tgt Ion: 136 Resp: 545468

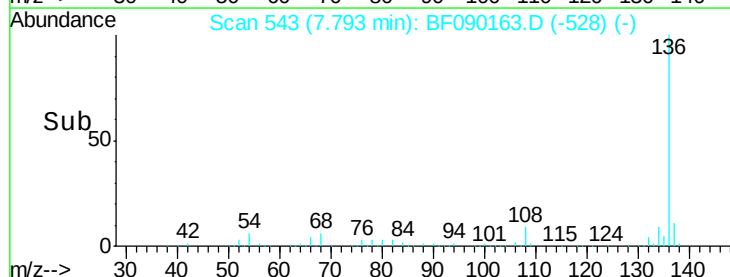
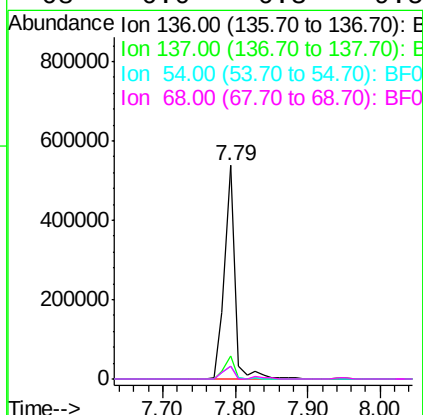
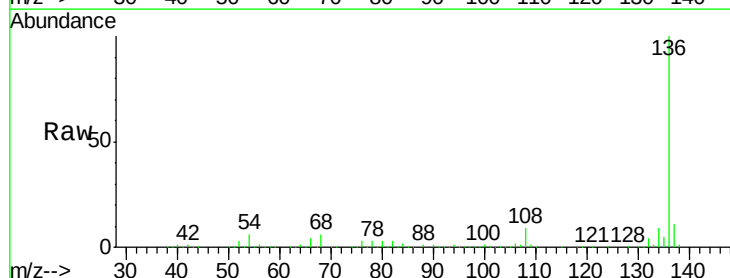
Ion Ratio Lower Upper

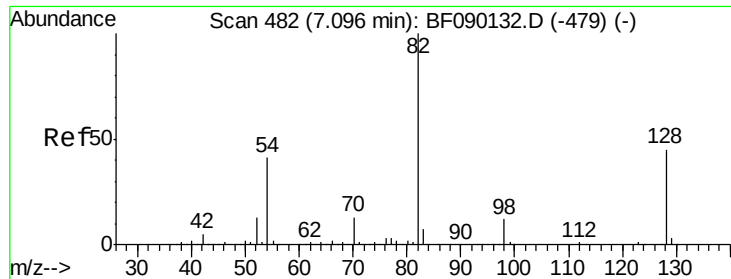
136 100

137 10.8 9.0 13.4

54 5.9 6.4 9.6#

68 6.0 6.3 9.5#

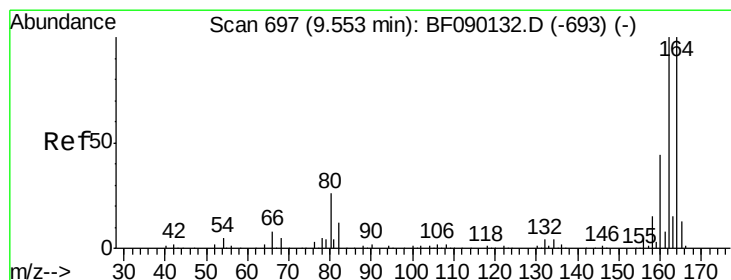
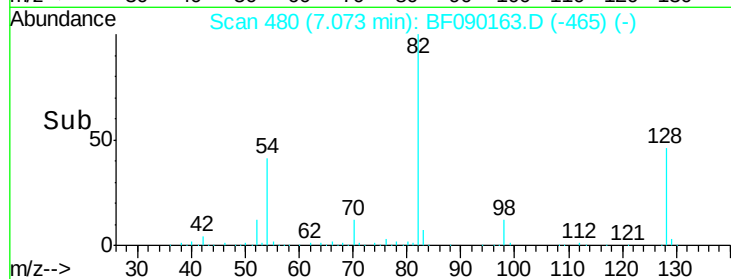
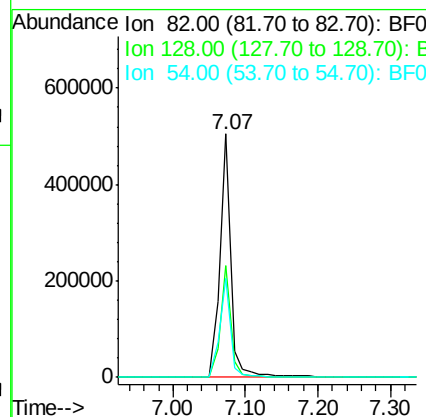
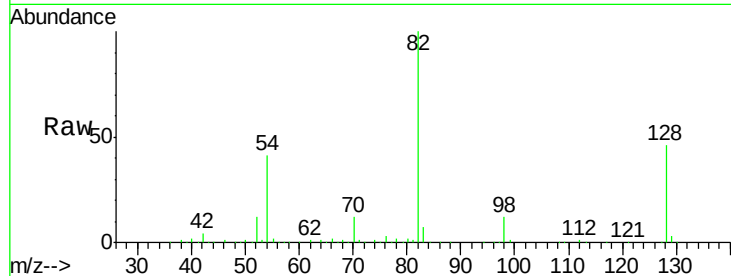




#23
 Nitrobenzene-d5
 Concen: 56.97 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090163.D
 Acq: 21 Sep 2016 16:27

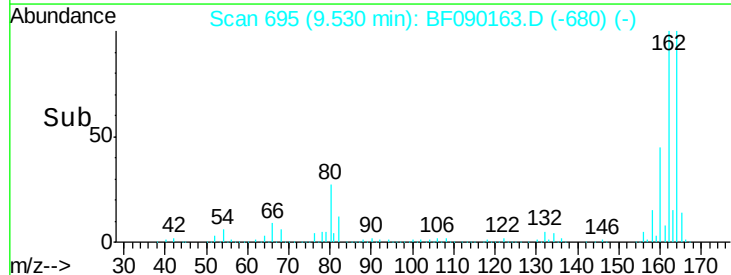
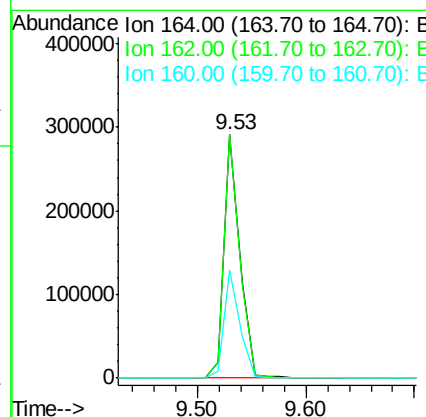
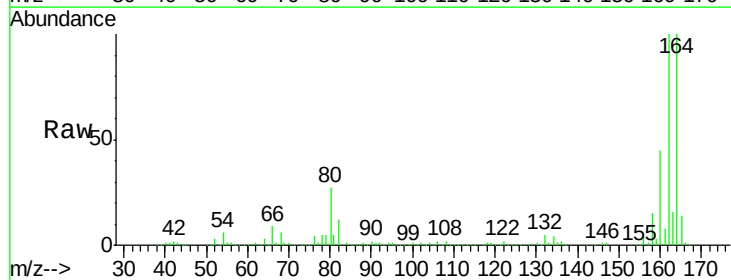
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

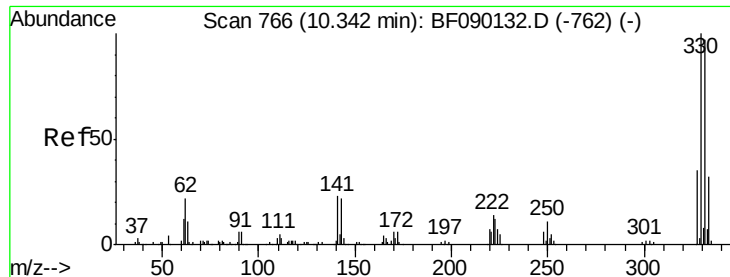
Tot Ion: 82 Resp: 536046
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.5 56.3
 54 40.7 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090163.D
 Acq: 21 Sep 2016 16:27

Tgt Ion: 164 Resp: 297829
 Ion Ratio Lower Upper
 164 100
 162 100.1 81.4 122.2
 160 44.6 36.6 54.8

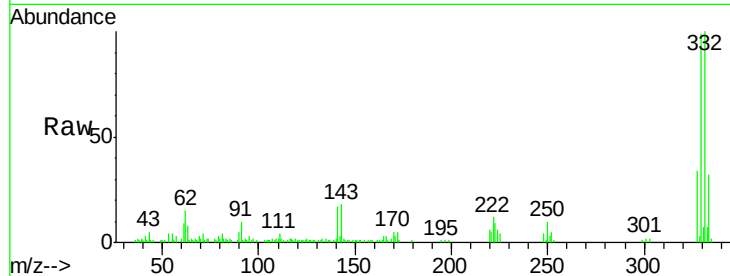




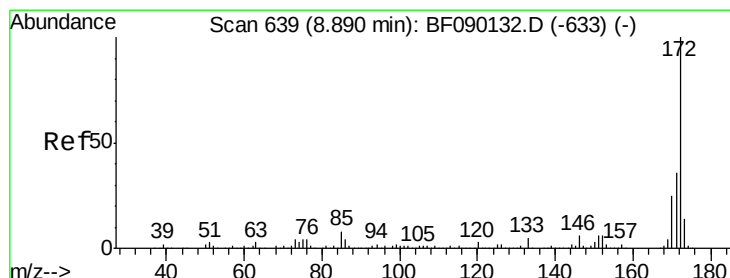
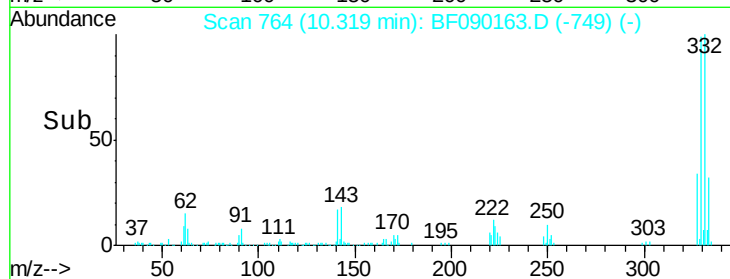
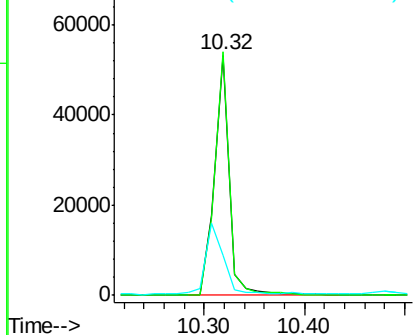
#41
 2,4,6-Tribromophenol
 Concen: 21.62 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090163.D
 Acq: 21 Sep 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:330 Resp: 55243
 Ion Ratio Lower Upper
 330 100
 332 99.2 78.1 117.1
 141 41.5 23.9 35.9#

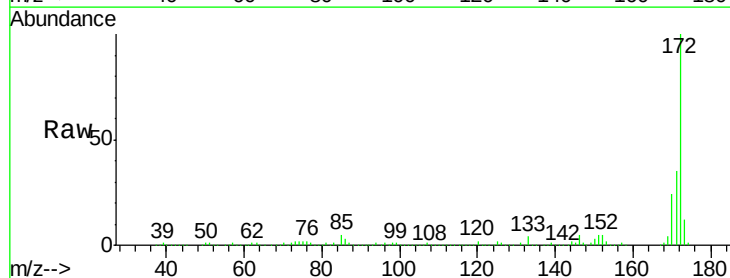


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

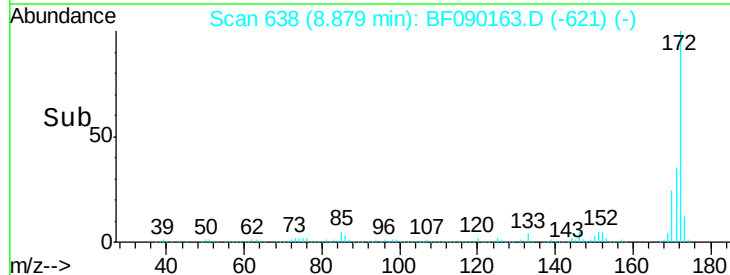
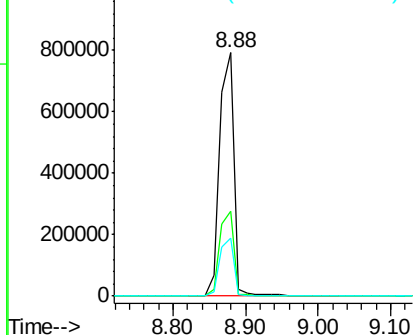


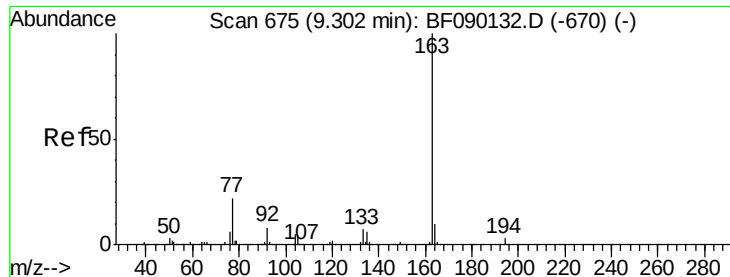
#44
 2-Fluorobiphenyl
 Concen: 71.95 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090163.D
 Acq: 21 Sep 2016 16:27

Tgt Ion:172 Resp: 1091603
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 23.8 19.8 29.8



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





#49

Dimethylphthalate

Concen: 35.93 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

Instrument :

BNA_F

ClientSampleId :

MW-5

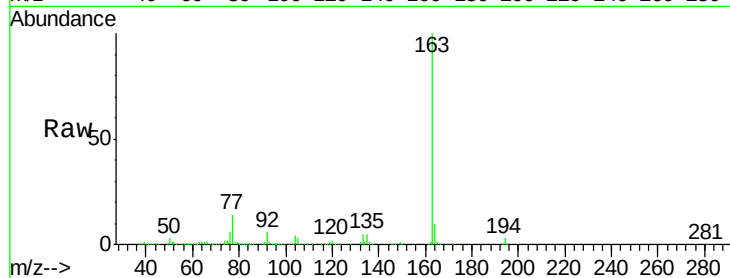
Tot Ion:163 Resp: 681534

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

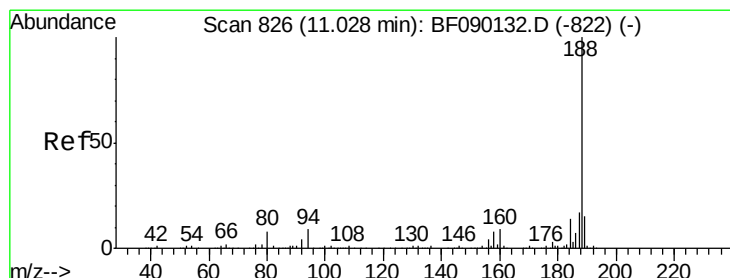
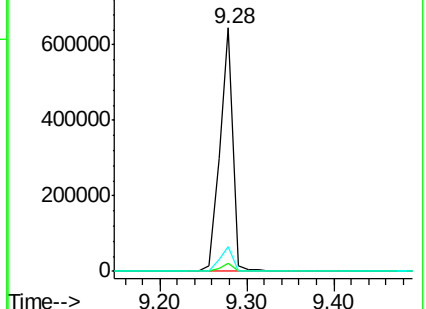
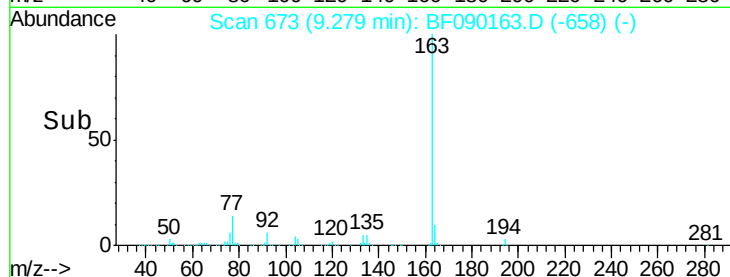
164 10.0 8.1 12.1



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: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

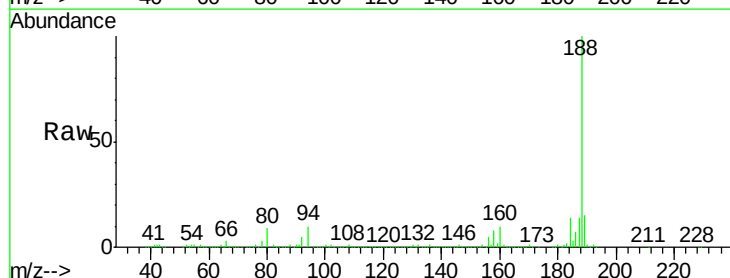
Tgt Ion:188 Resp: 503513

Ion Ratio Lower Upper

188 100

94 9.7 10.5 15.7#

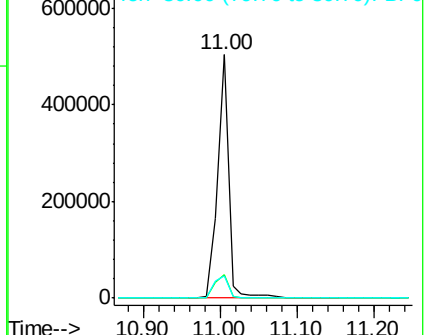
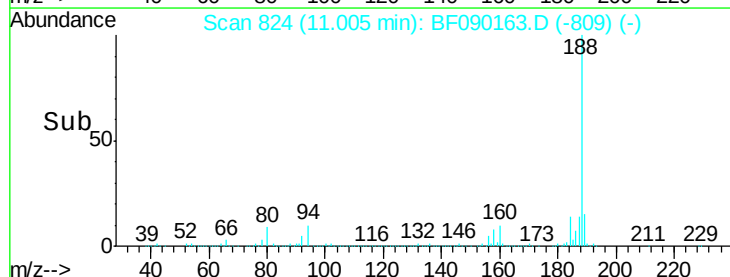
80 9.4 11.2 16.8#

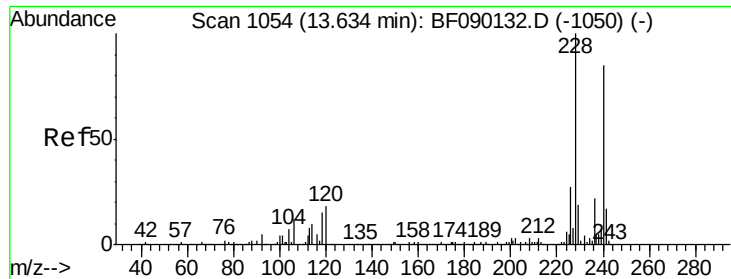


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

Instrument :

BNA_F

ClientSampleId :

MW-5

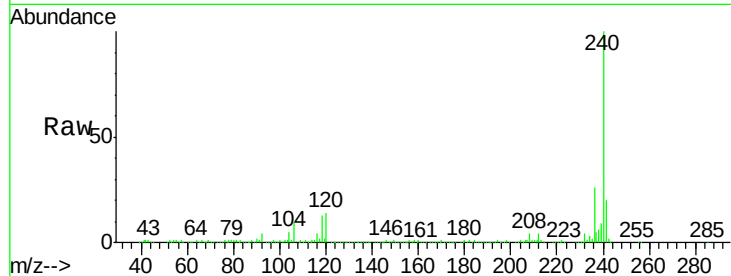
Tot Ion:240 Resp: 305914

Ion Ratio Lower Upper

240 100

120 14.4 10.6 16.0

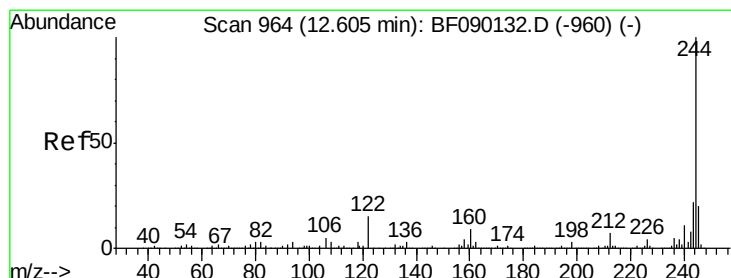
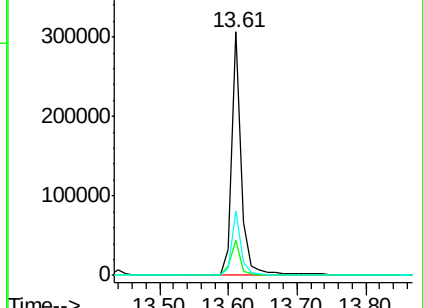
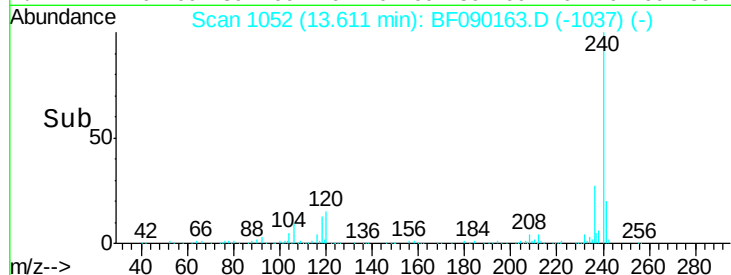
236 26.3 21.6 32.4



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: 64.38 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.02 min

Lab File: BF090163.D

Acq: 21 Sep 2016 16:27

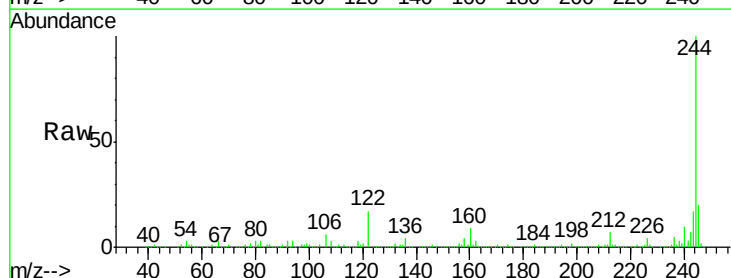
Tgt Ion:244 Resp: 775749

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

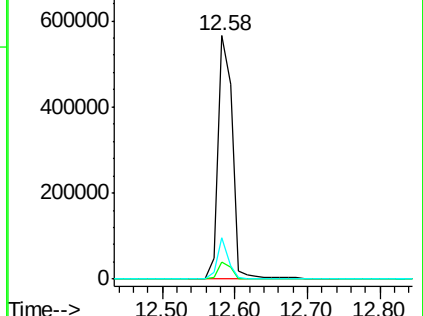
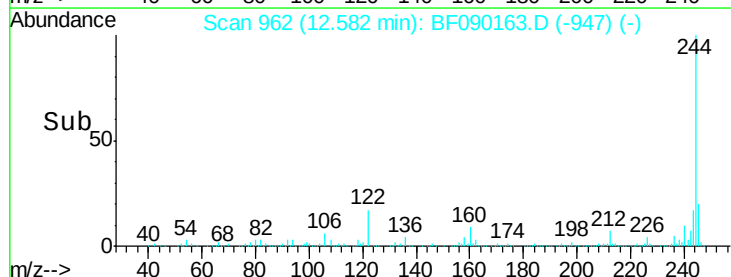
122 17.1 9.4 14.0#

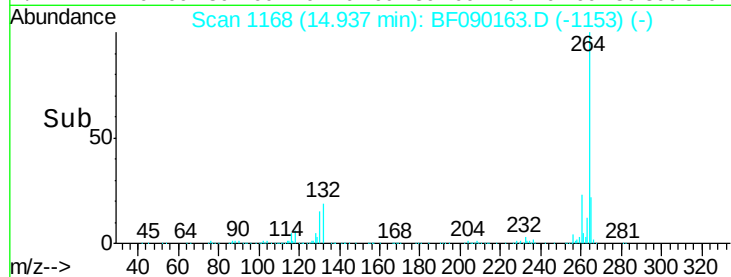
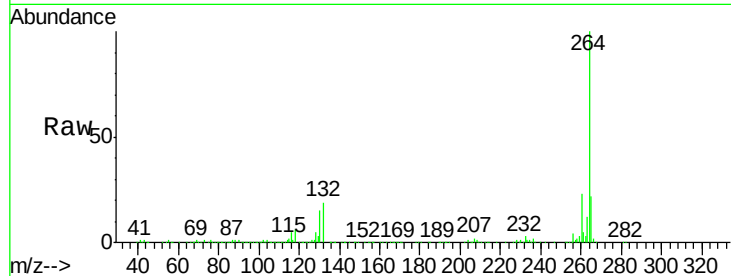
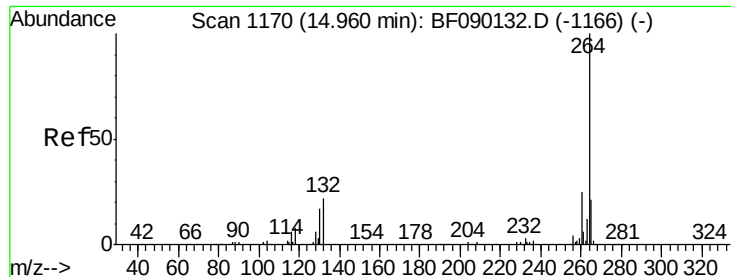


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090163.D
 Acq: 21 Sep 2016 16:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:	264	Resp:	261769
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.7	17.0	25.4

