

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090227.D
 Acq On : 26 Sep 2016 17:57
 Operator : UM/SJ
 Sample : H4946-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216

Quant Time: Sep 26 19:01:35 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

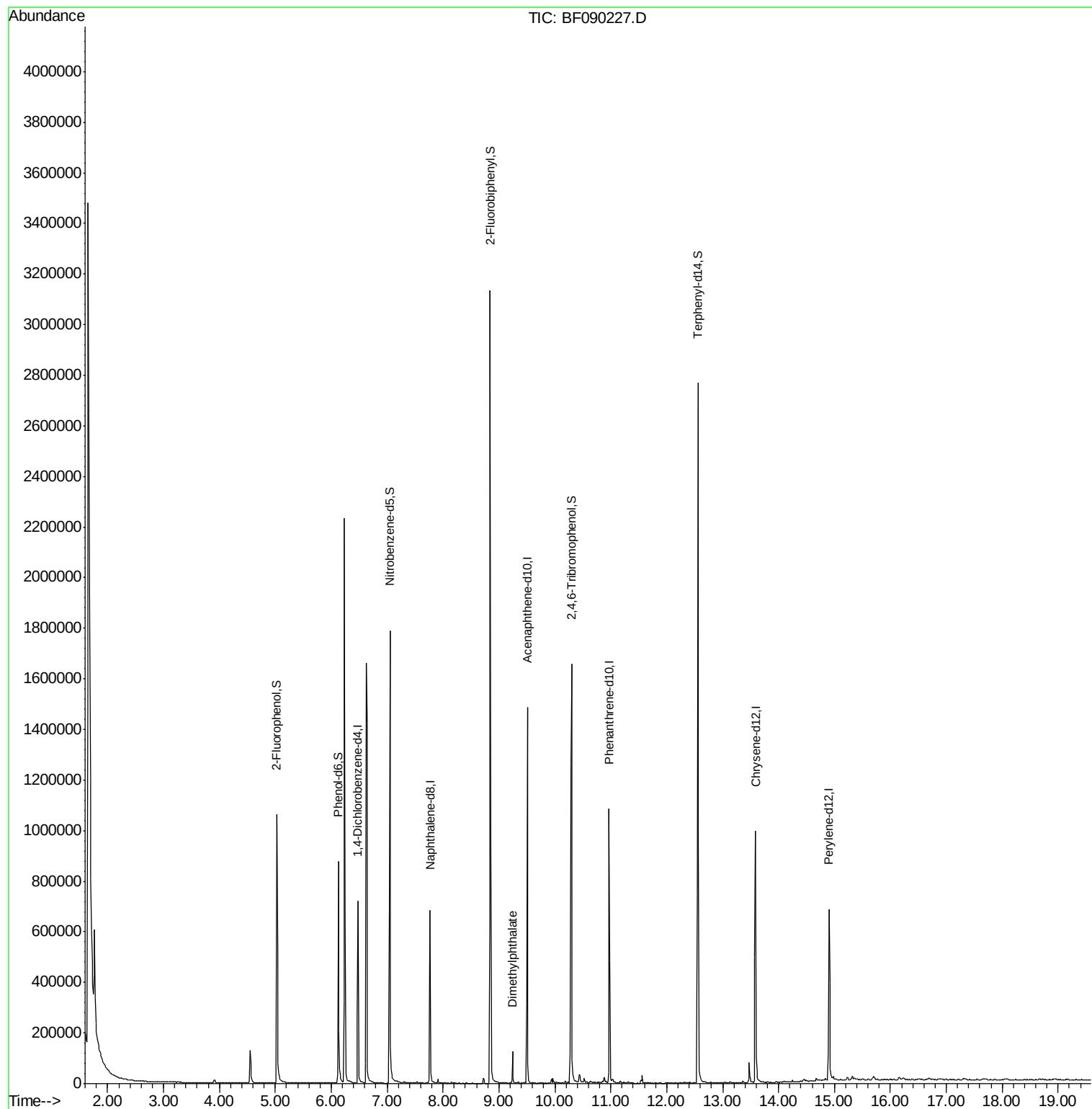
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	137766	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	526848	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	318083	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	477294	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	429627	20.00	ng	-0.01
86) Perylene-d12	14.90	264	320549	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	420236	49.72	ng	0.00
7) Phenol-d6	6.12	99	364588	34.93	ng	-0.01
23) Nitrobenzene-d5	7.05	82	727416	80.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	314766	115.35	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1184858	73.13	ng	-0.01
78) Terphenyl-d14	12.56	244	1091382	64.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.24	163	55293	2.73	ng	Qvalue 100

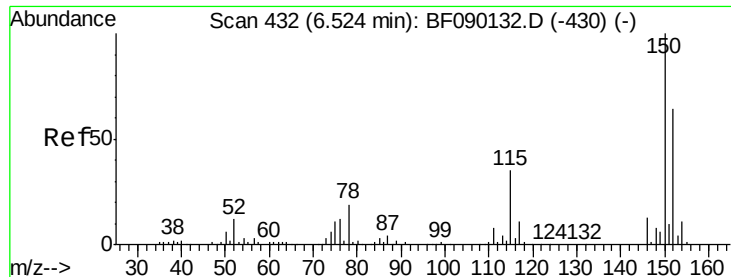
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090227.D
Acq On : 26 Sep 2016 17:57
Operator : UM/SJ
Sample : H4946-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216

Quant Time: Sep 26 19:01:35 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



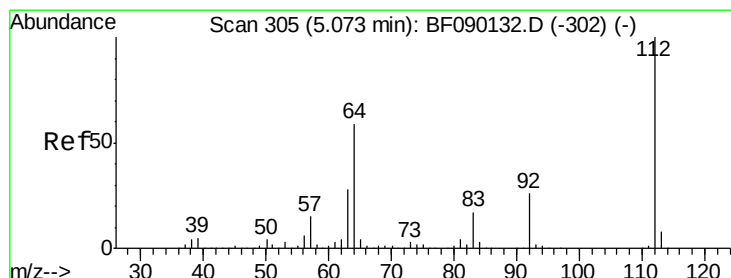
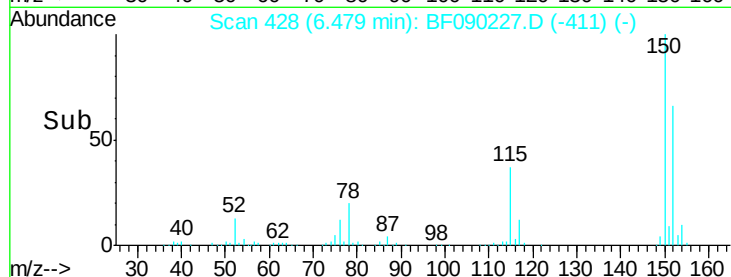
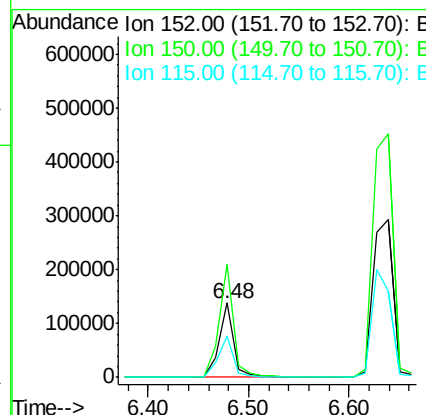
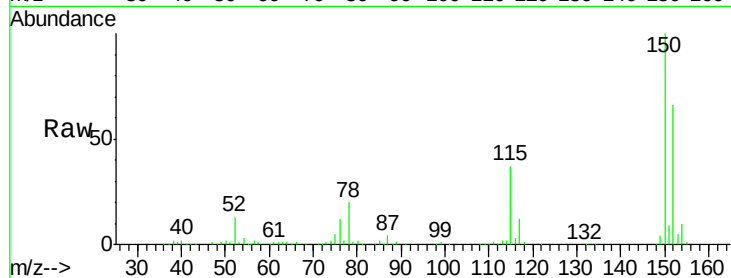


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090227.D
Acq: 26 Sep 2016 17:57

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216

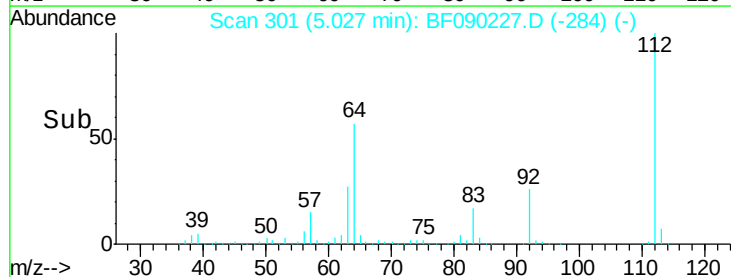
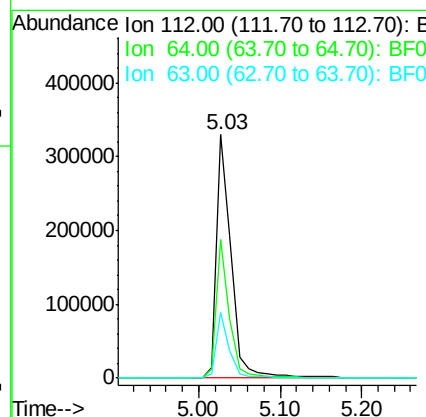
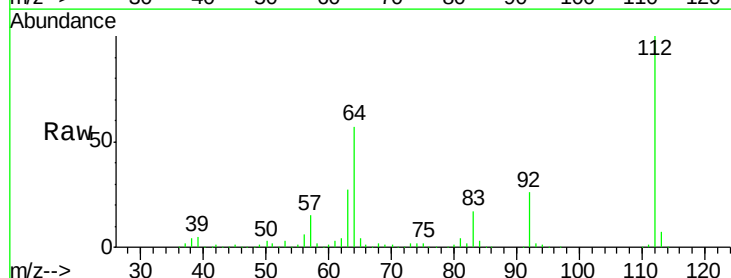
Tot Ion:152 Resp: 137766
Ion Ratio Lower Upper
152 100
150 152.2 128.9 193.3
115 55.6 55.5 83.3

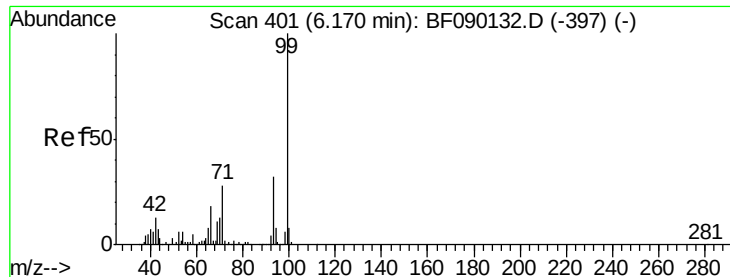


#5

2-Fluorophenol
Concen: 49.72 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090227.D
Acq: 26 Sep 2016 17:57

Tgt Ion:112 Resp: 420236
Ion Ratio Lower Upper
112 100
64 56.8 39.8 59.6
63 27.2 18.9 28.3





#7

Phenol-d6

Concen: 34.93 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090227.D

Acq: 26 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

MW-04I-092216

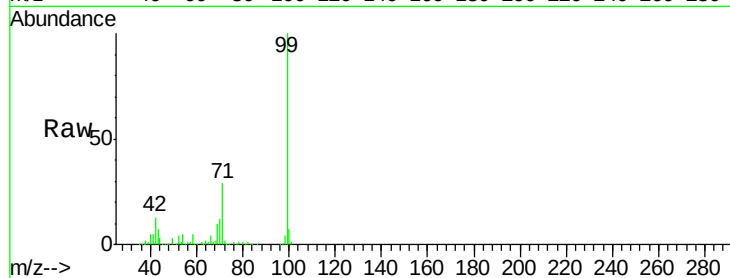
Tot Ion: 99 Resp: 364588

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

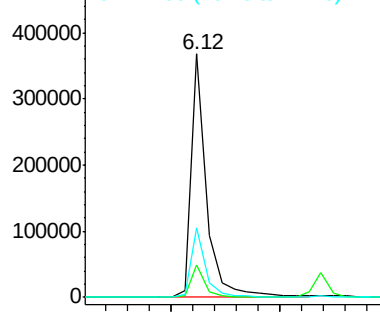
71 28.7 23.0 34.6



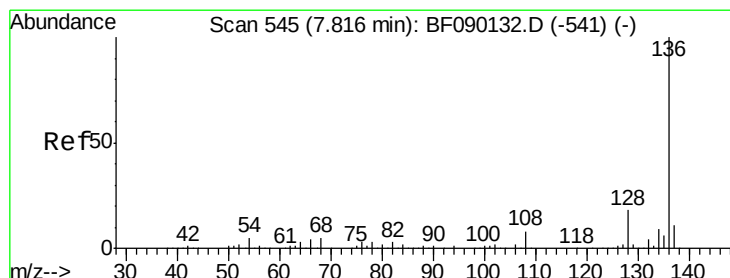
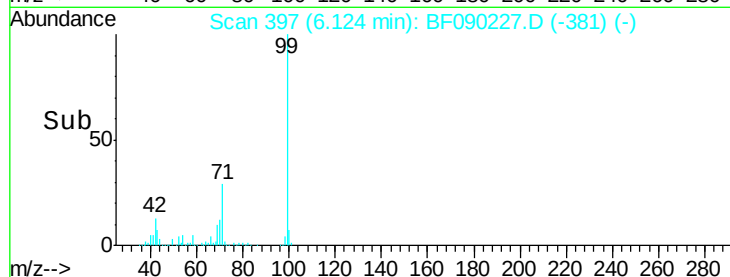
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090227.D

Acq: 26 Sep 2016 17:57

Tgt Ion: 136 Resp: 526848

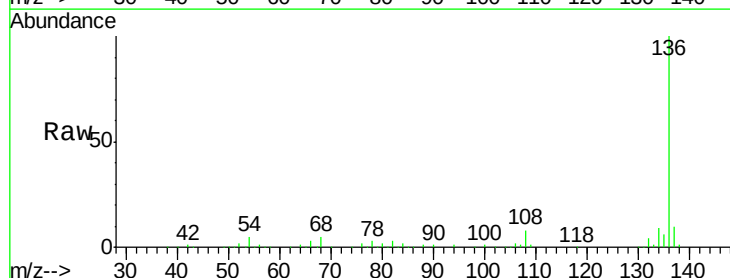
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 4.5 6.4 9.6#

68 4.8 6.3 9.5#

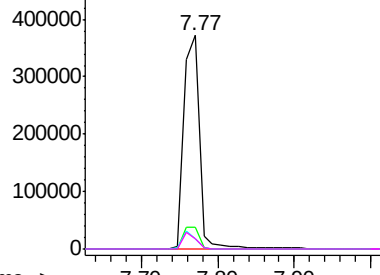


Abundance Ion 136.00 (135.70 to 136.70): E

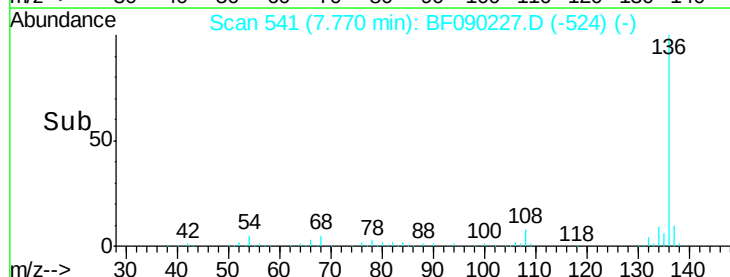
Ion 137.00 (136.70 to 137.70): E

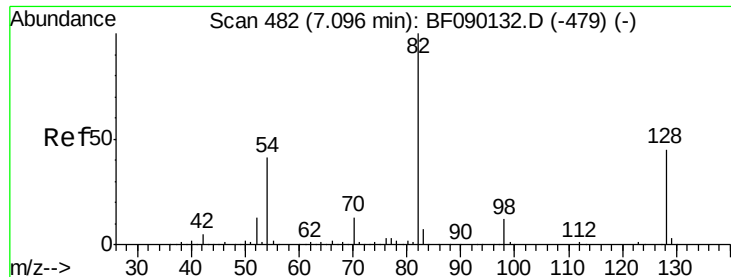
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

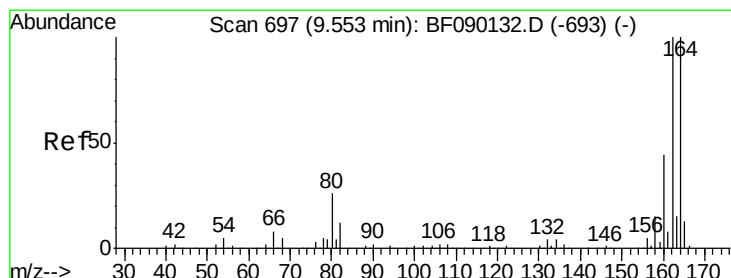
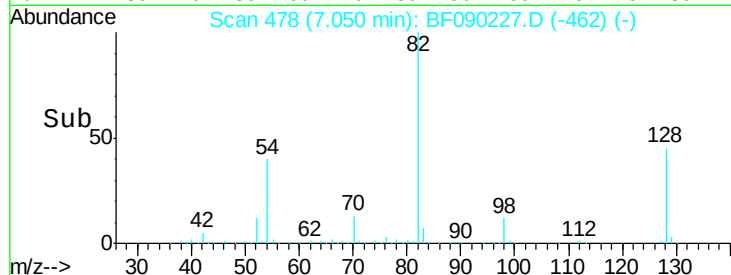
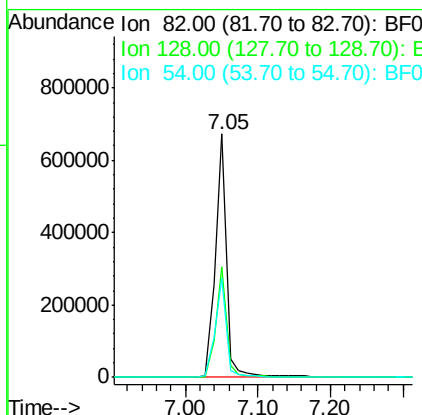
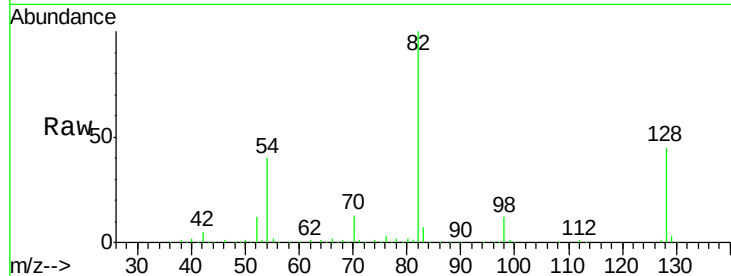




#23
 Nitrobenzene-d5
 Concen: 80.04 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090227.D
 Acq: 26 Sep 2016 17:57

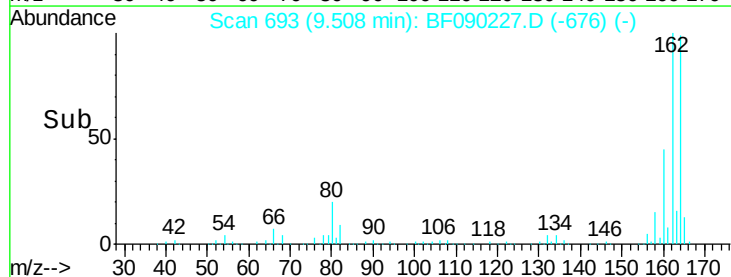
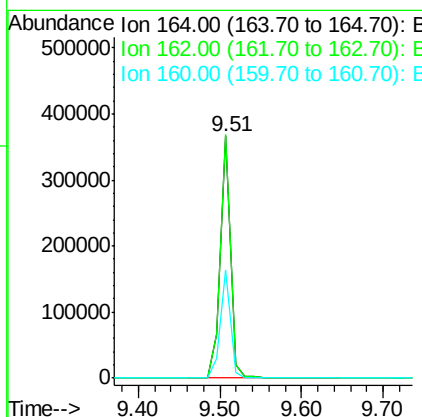
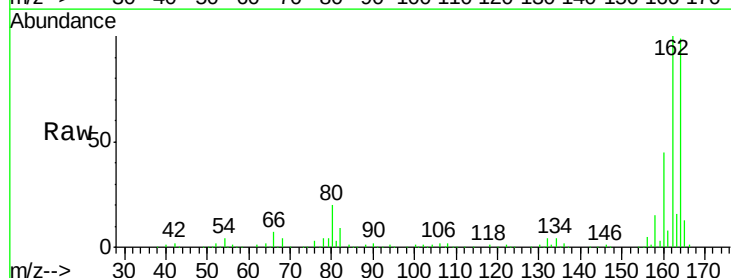
Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216

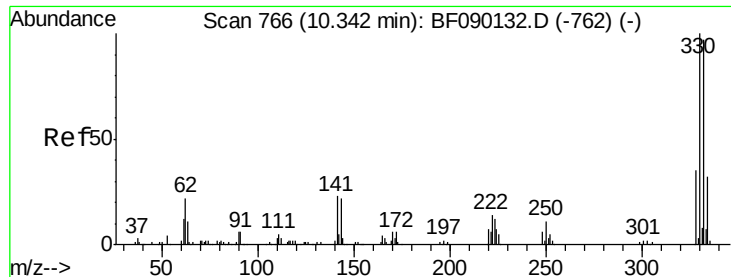
Tot Ion: 82 Resp: 727416
 Ion Ratio Lower Upper
 82 100
 128 45.4 37.5 56.3
 54 40.5 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090227.D
 Acq: 26 Sep 2016 17:57

Tgt Ion: 164 Resp: 318083
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.2
 160 44.8 36.6 54.8

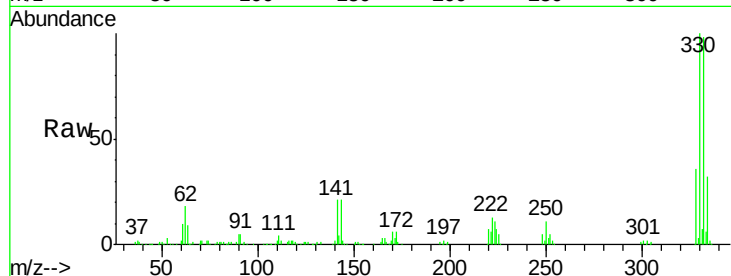




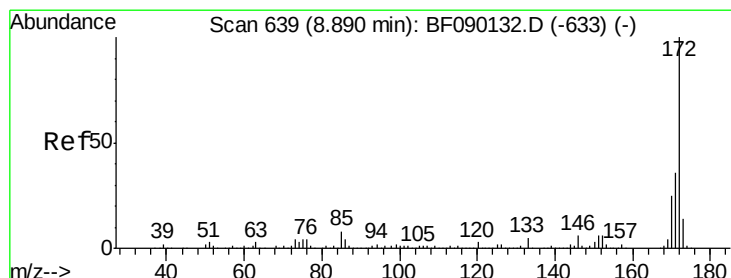
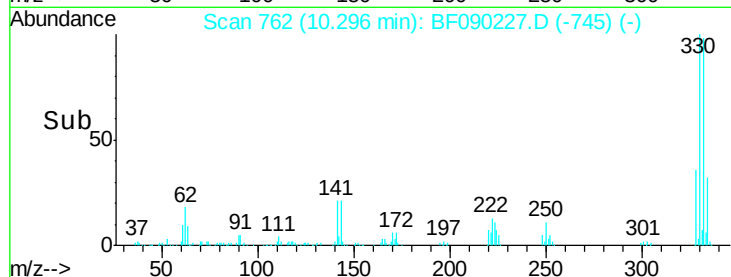
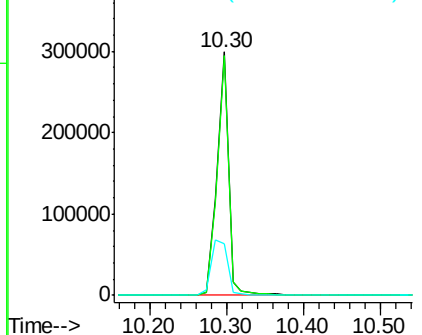
#41
 2,4,6-Tribromophenol
 Concen: 115.35 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090227.D
 Acq: 26 Sep 2016 17:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	31.9	23.9	35.9

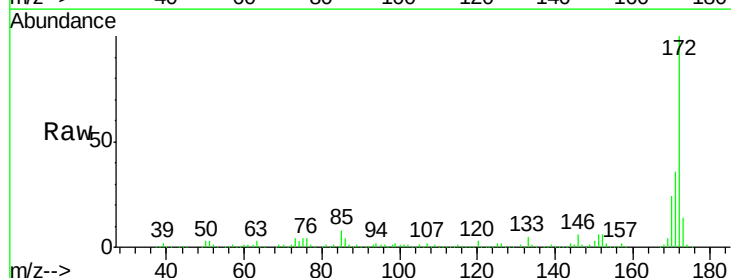


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

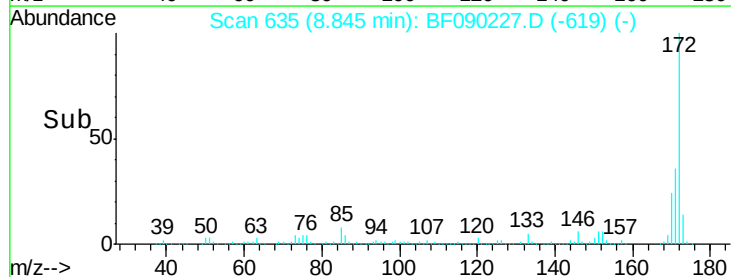
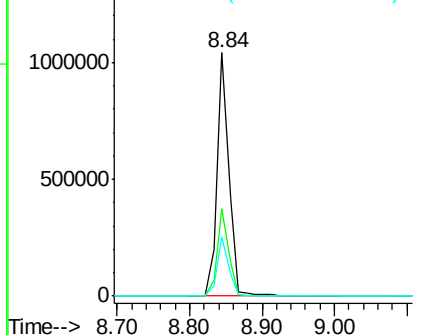


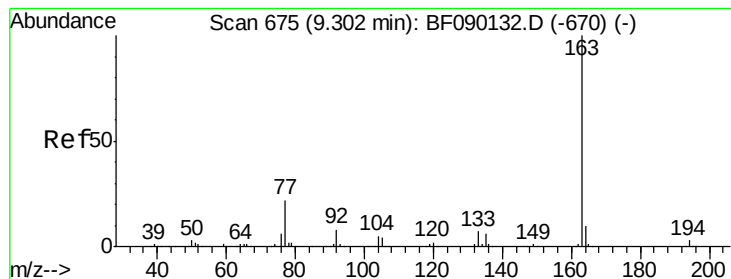
#44
 2-Fluorobiphenyl
 Concen: 73.13 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090227.D
 Acq: 26 Sep 2016 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	24.4	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: 2.73 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090227.D

Acq: 26 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

MW-04I-092216

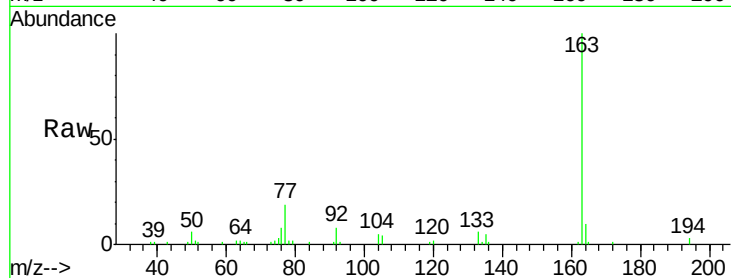
Tot Ion:163 Resp: 55293

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

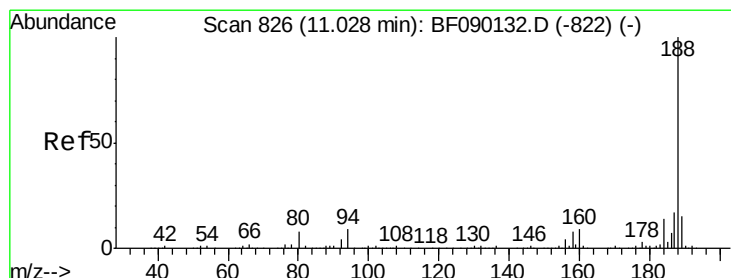
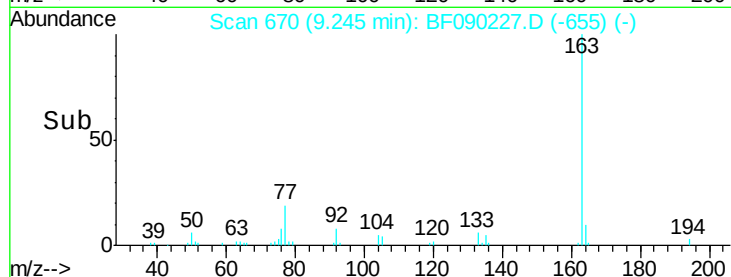
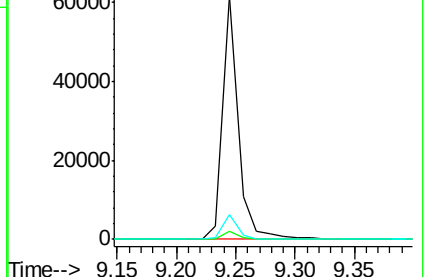
164 10.1 8.1 12.1



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: BF090227.D

Acq: 26 Sep 2016 17:57

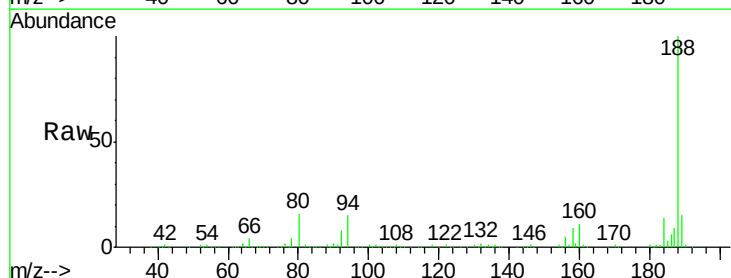
Tgt Ion:188 Resp: 477294

Ion Ratio Lower Upper

188 100

94 14.6 10.5 15.7

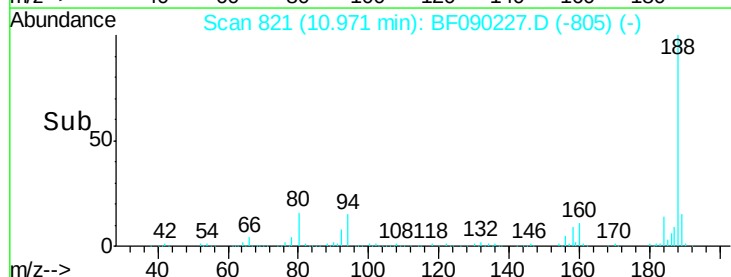
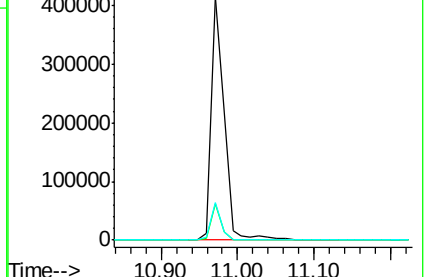
80 15.6 11.2 16.8

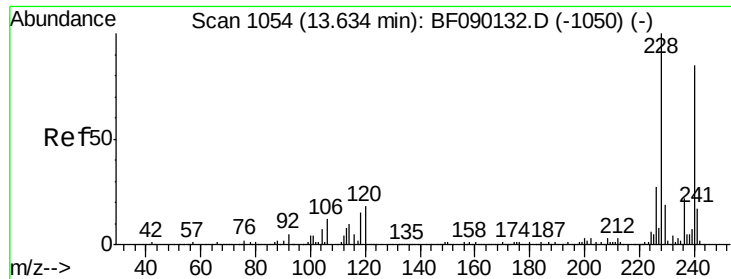


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090227.D

Acq: 26 Sep 2016 17:57

Instrument :

BNA_F

ClientSampleId :

MW-04I-092216

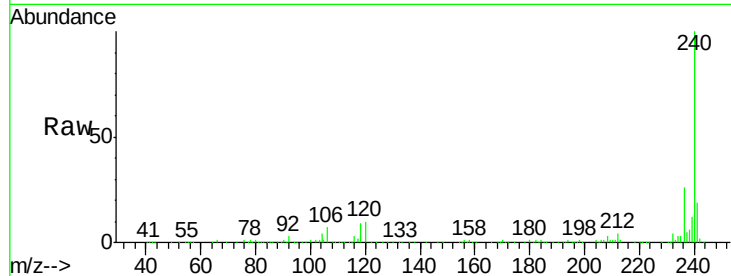
Tot Ion:240 Resp: 429627

Ion Ratio Lower Upper

240 100

120 10.5 10.6 16.0#

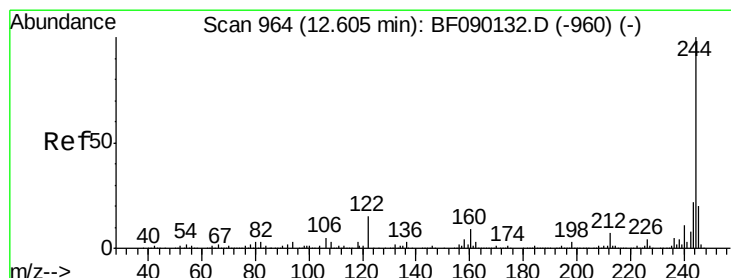
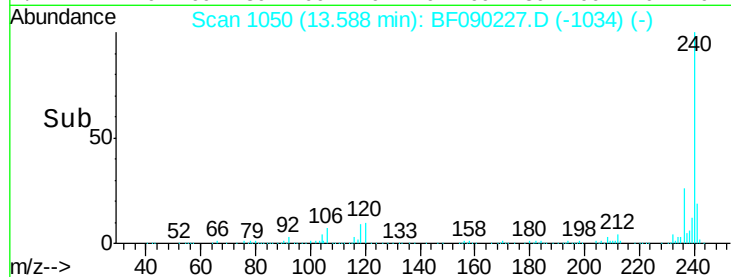
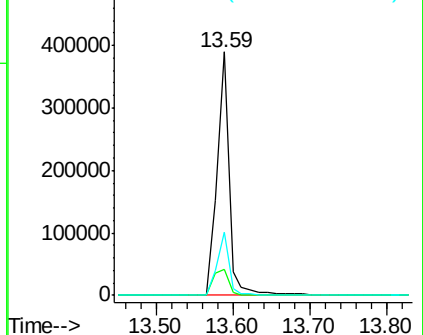
236 26.1 21.6 32.4



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: 64.49 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090227.D

Acq: 26 Sep 2016 17:57

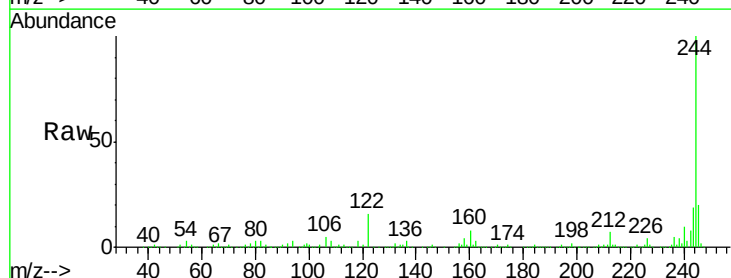
Tgt Ion:244 Resp: 1091382

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

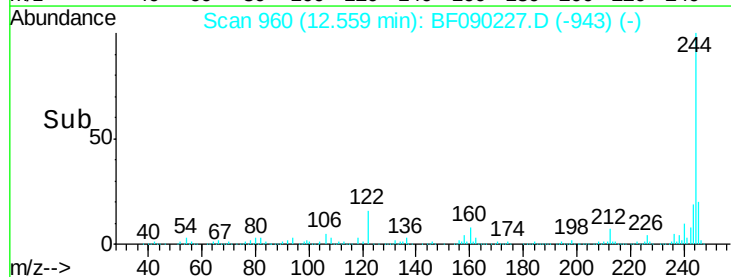
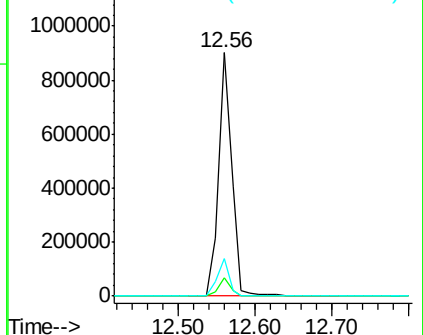
122 15.5 9.4 14.0#

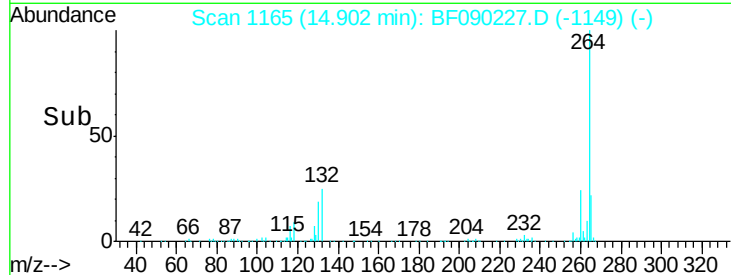
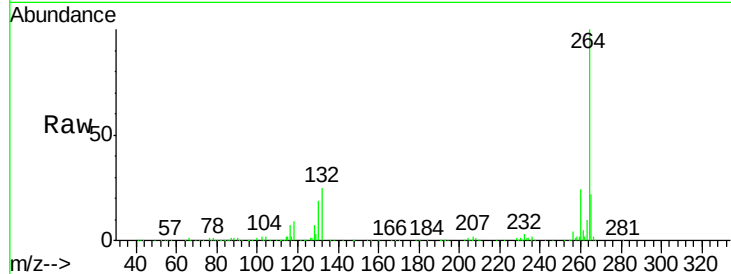
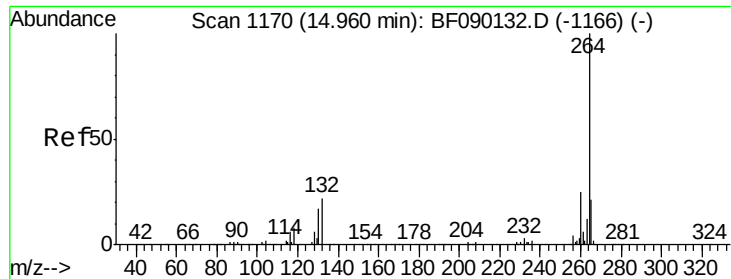


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090227.D
Acq: 26 Sep 2016 17:57

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216

Tot Ion:	264	Resp:	320549
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.0	25.4

