

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090257.D
 Acq On : 27 Sep 2016 17:43
 Operator : UM/SJ
 Sample : H4933-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6-9.5-10

Quant Time: Sep 28 01:01:04 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

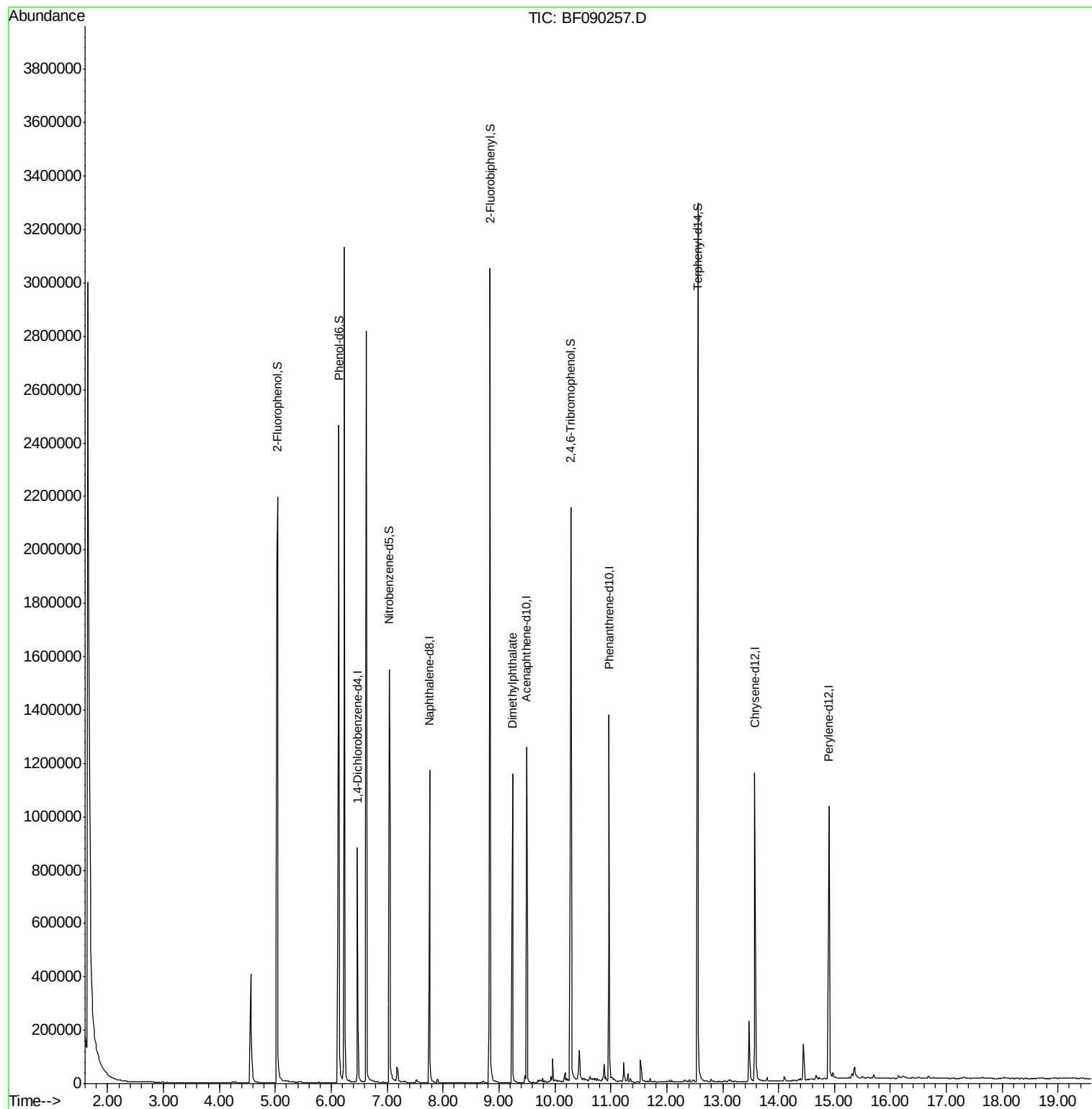
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	146412	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	591542	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	315538	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	576608	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	497920	20.00	ng	-0.02
86) Perylene-d12	14.90	264	427842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1090676	121.42	ng	0.01
7) Phenol-d6	6.14	99	1507021	135.85	ng	0.00
23) Nitrobenzene-d5	7.04	82	767147	75.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	314834	116.30	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1371187	85.31	ng	-0.01
78) Terphenyl-d14	12.56	244	1220346	62.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.24	163	647960	32.24	ng	Qvalue 99

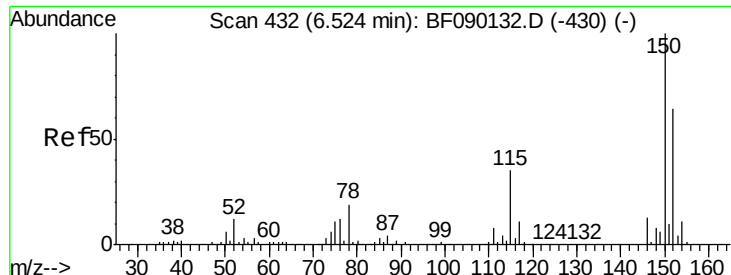
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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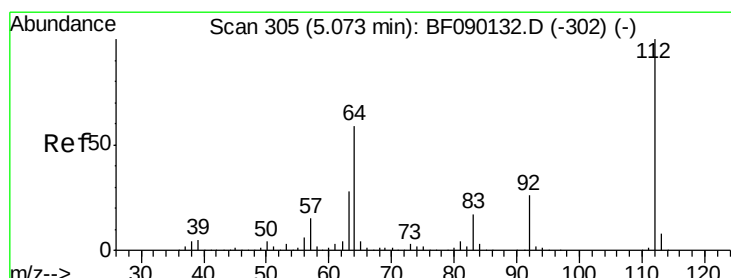
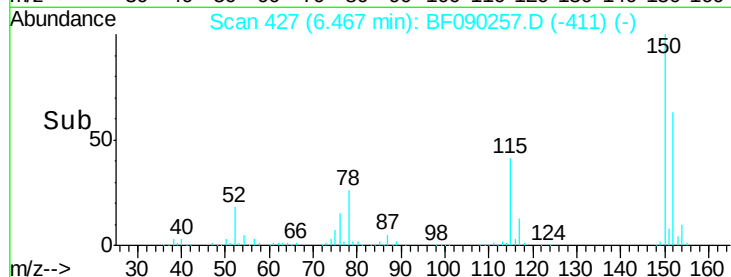
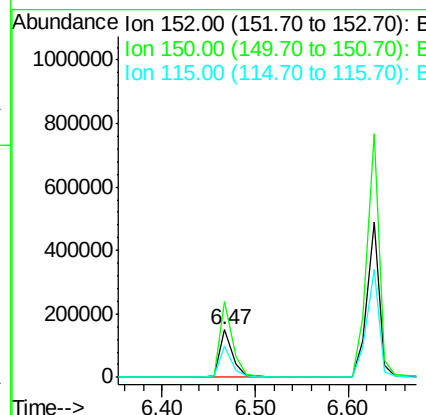
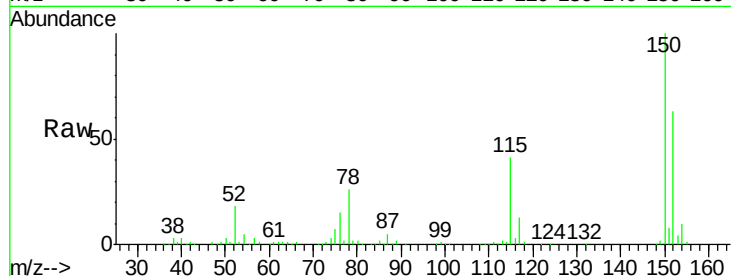


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Instrument :
BNA_F
ClientSampleId :
B6-9.5-10

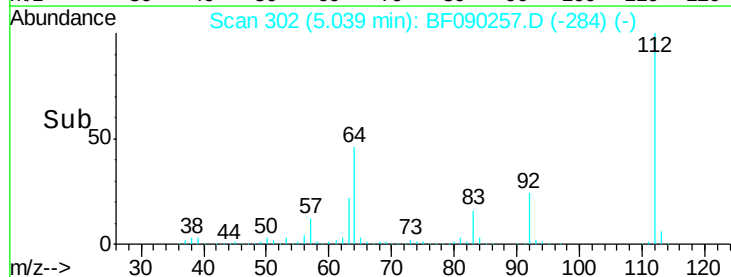
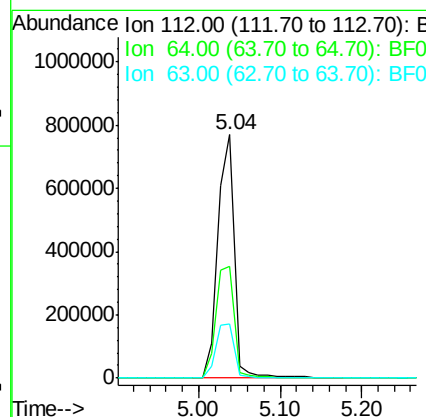
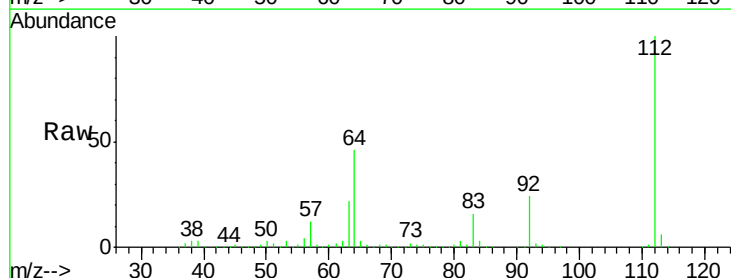
Tot Ion:152 Resp: 146412
Ion Ratio Lower Upper
152 100
150 160.0 128.9 193.3
115 66.3 55.5 83.3

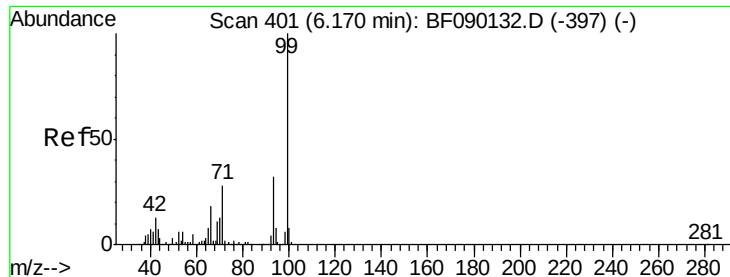


#5

2-Fluorophenol
Concen: 121.42 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090257.D
Acq: 27 Sep 2016 17:43

Tgt Ion:112 Resp: 1090676
Ion Ratio Lower Upper
112 100
64 45.9 39.8 59.6
63 22.4 18.9 28.3





#7

Phenol-d6

Concen: 135.85 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

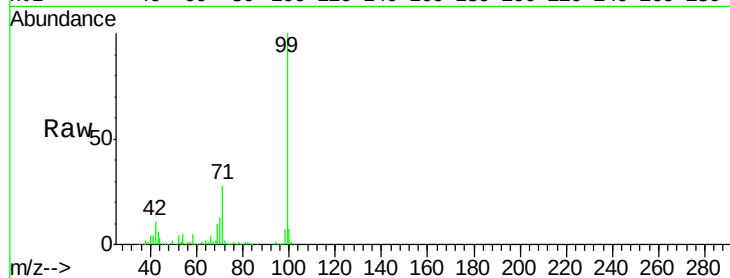
Tot Ion: 99 Resp: 1507021

Ion Ratio Lower Upper

99 100

42 10.7 10.6 15.8

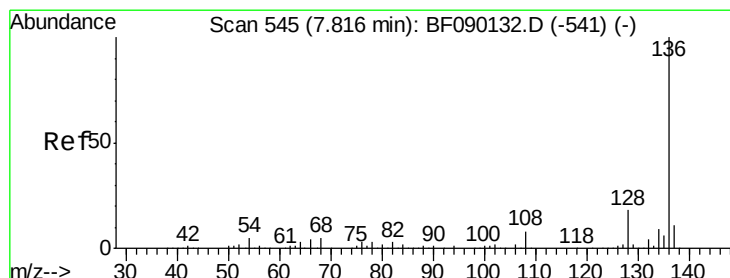
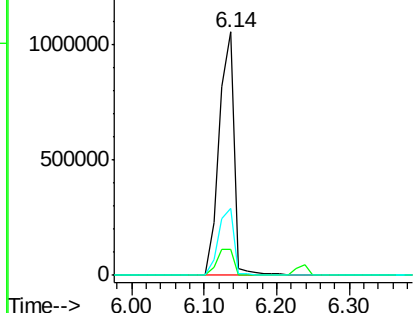
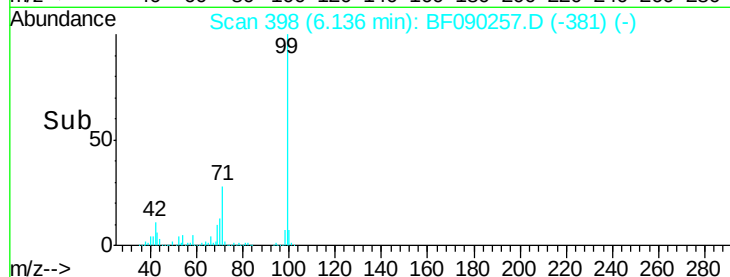
71 27.5 23.0 34.6



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: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Tgt Ion: 136 Resp: 591542

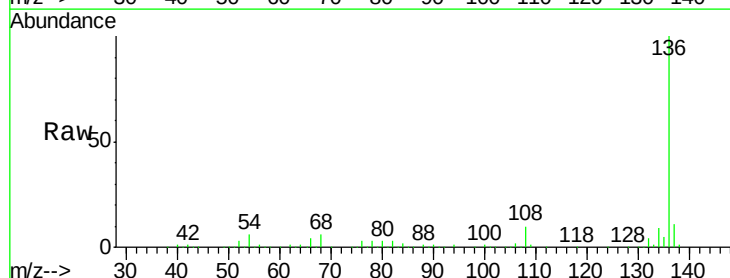
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.2 6.4 9.6#

68 5.9 6.3 9.5#

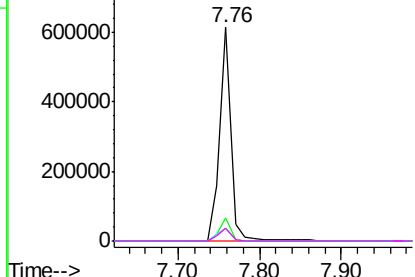
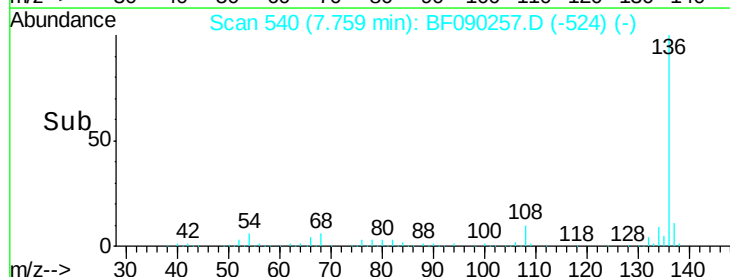


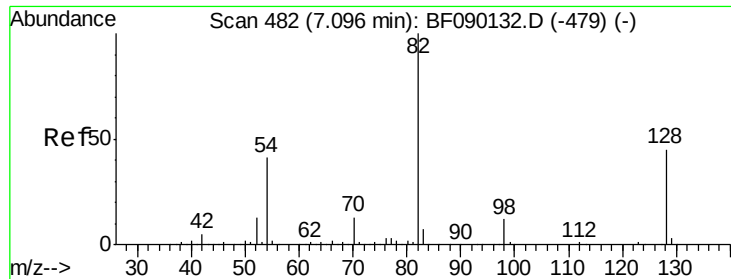
Abundance Ion 136.00 (135.70 to 136.70): E

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

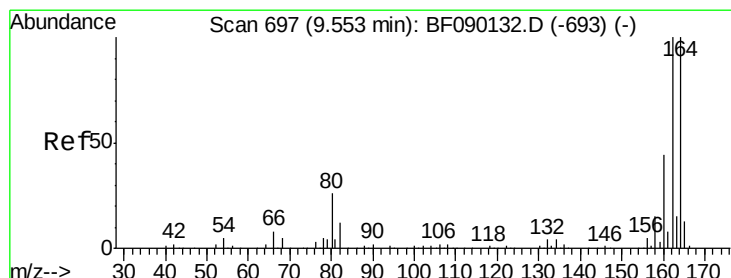
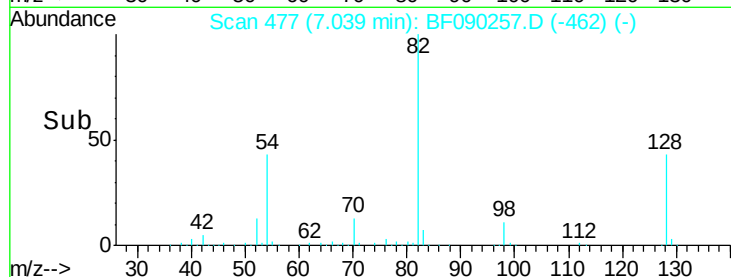
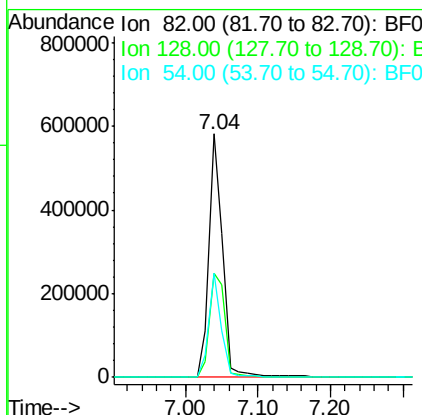
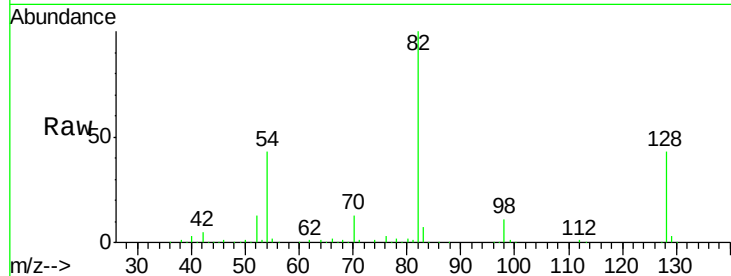




#23
 Nitrobenzene-d5
 Concen: 75.18 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

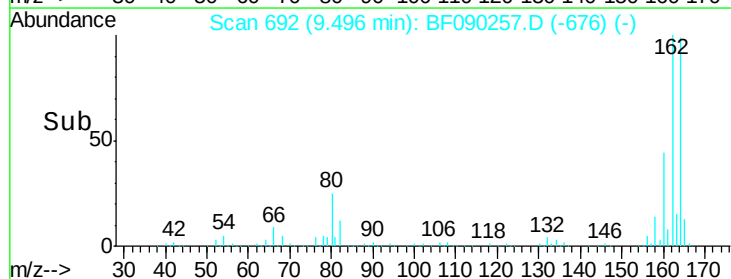
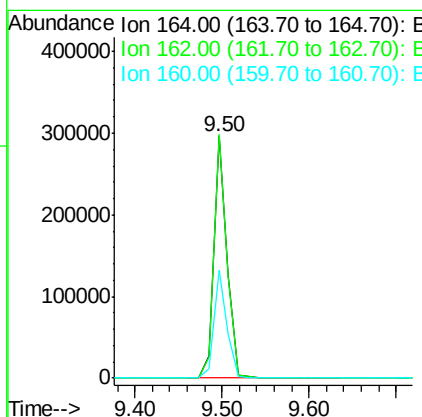
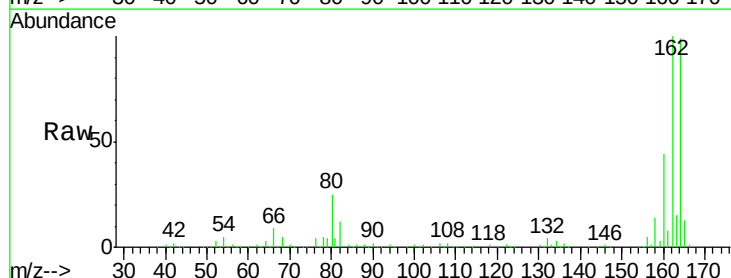
Instrument :
 BNA_F
 ClientSampleId :
 B6-9.5-10

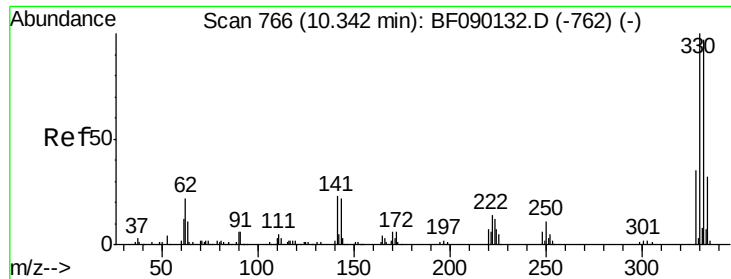
Tot Ion	82	Resp	767147
Ion Ratio	Lower	Upper	
82	100		
128	42.5	37.5	56.3
54	43.0	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

Tgt Ion	164	Resp	315538
Ion Ratio	Lower	Upper	
164	100		
162	100.5	81.4	122.2
160	44.6	36.6	54.8

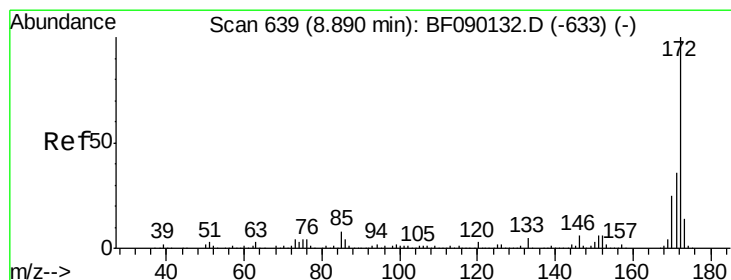
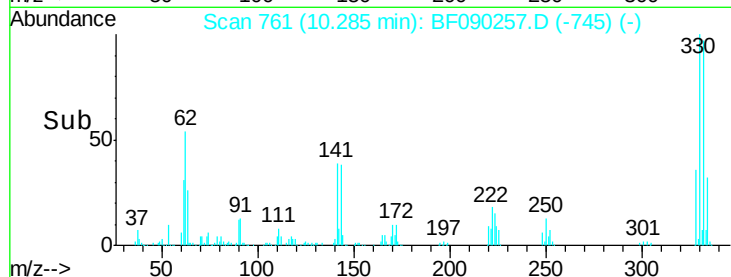
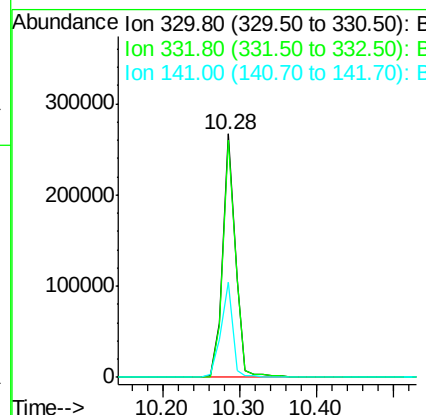
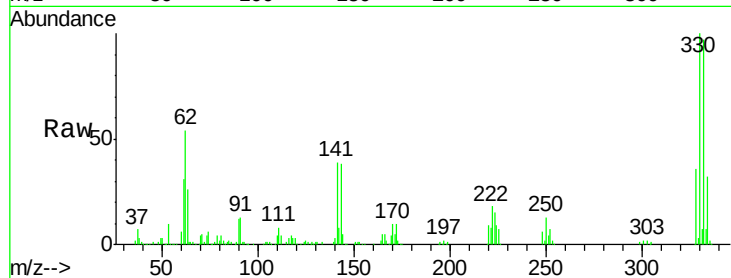




#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

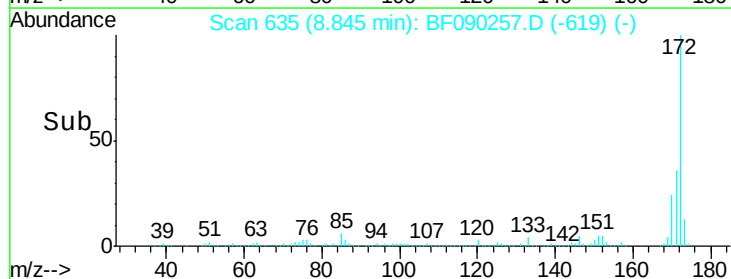
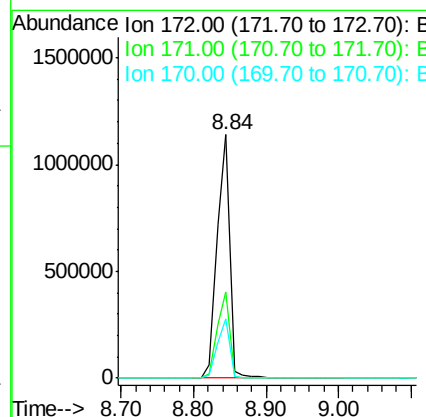
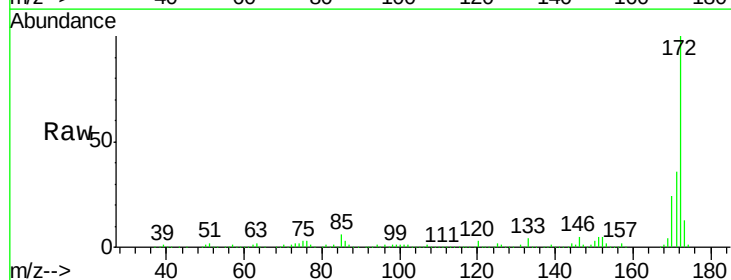
Instrument :
 BNA_F
 ClientSampleId :
 B6-9.5-10

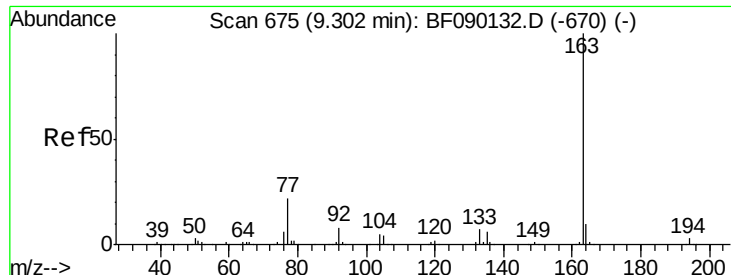
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.1	117.1
141	35.4	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090257.D
 Acq: 27 Sep 2016 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.1	19.8	29.8





#49

Dimethylphthalate

Concen: 32.24 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

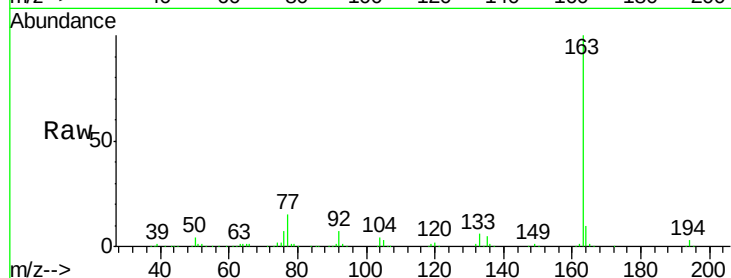
Tot Ion:163 Resp: 647960

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

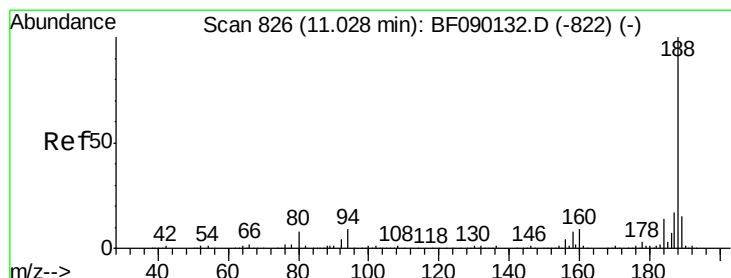
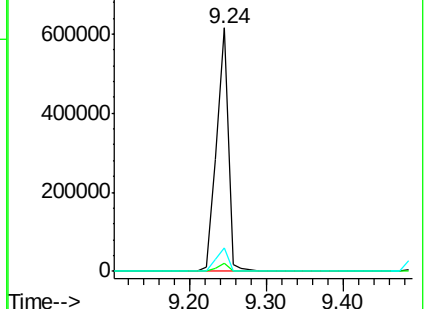
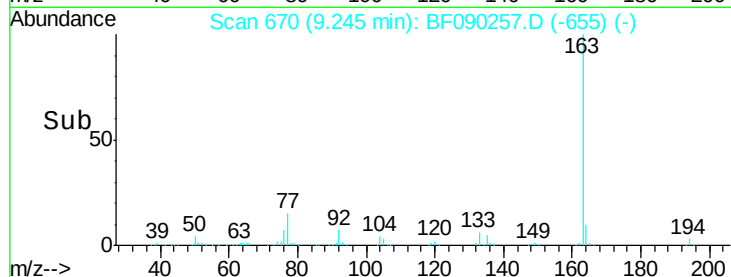
164 9.8 8.1 12.1



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: BF090257.D

Acq: 27 Sep 2016 17:43

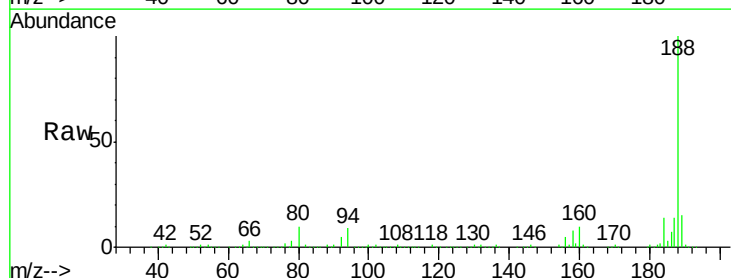
Tgt Ion:188 Resp: 576608

Ion Ratio Lower Upper

188 100

94 9.3 10.5 15.7#

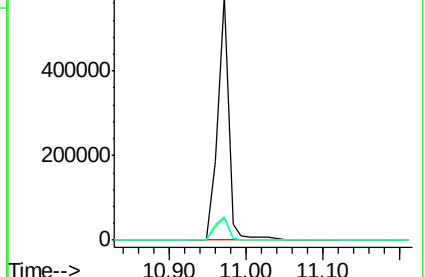
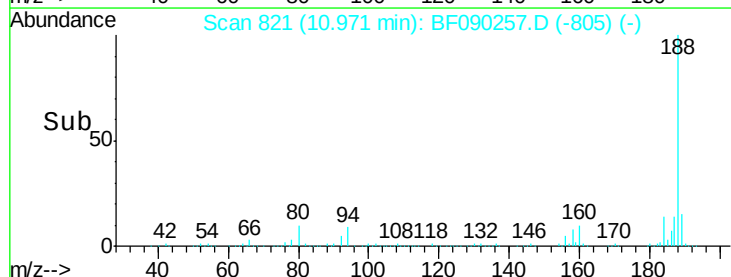
80 9.7 11.2 16.8#

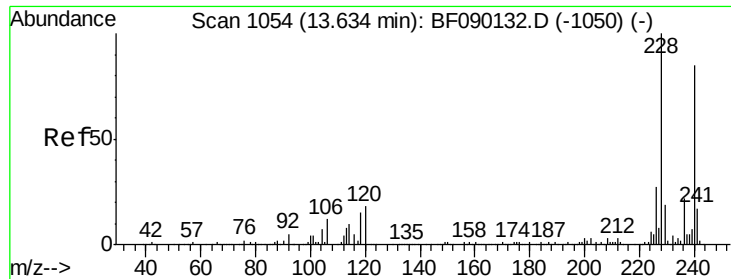


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090257.D

Acq: 27 Sep 2016 17:43

Instrument :

BNA_F

ClientSampleId :

B6-9.5-10

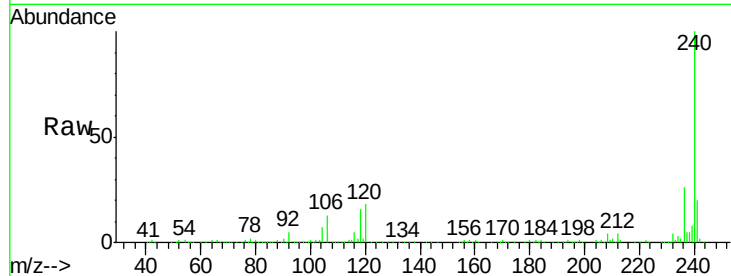
Tot Ion:240 Resp: 497920

Ion Ratio Lower Upper

240 100

120 18.2 10.6 16.0#

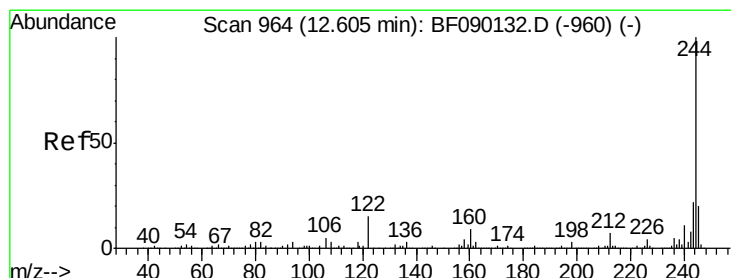
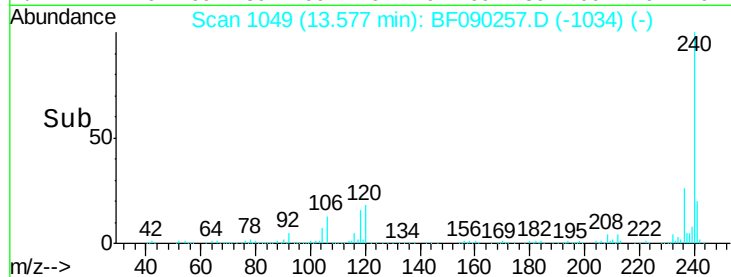
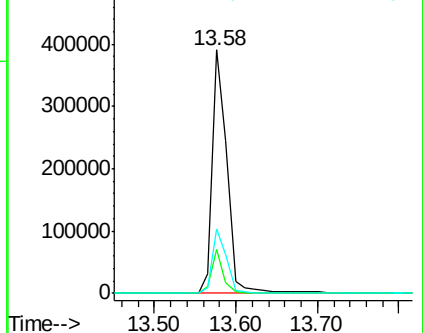
236 26.3 21.6 32.4



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: 62.22 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090257.D

Acq: 27 Sep 2016 17:43

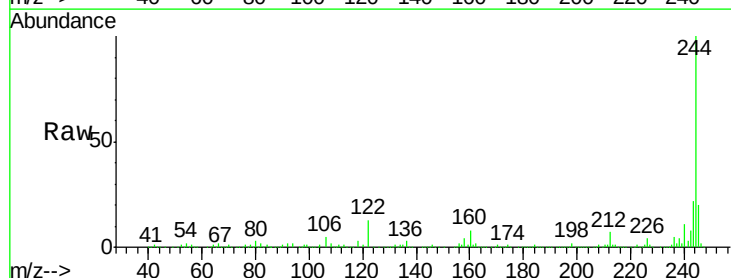
Tgt Ion:244 Resp: 1220346

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

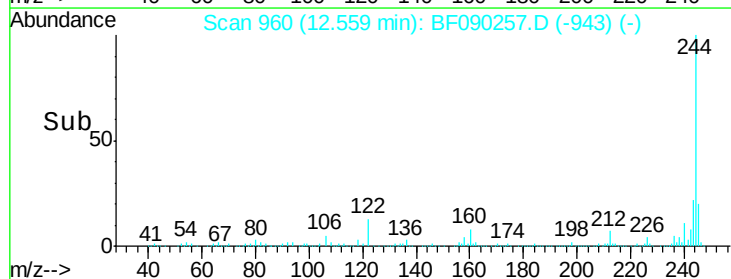
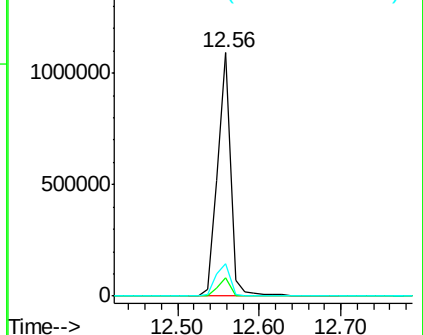
122 13.4 9.4 14.0

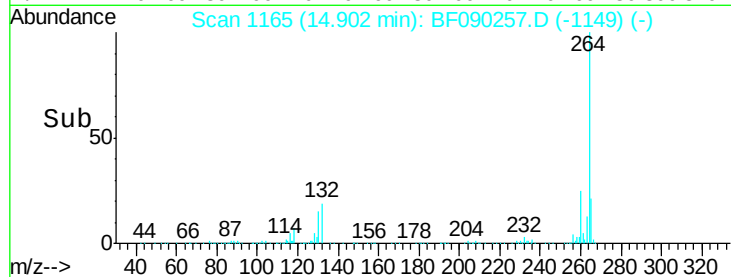
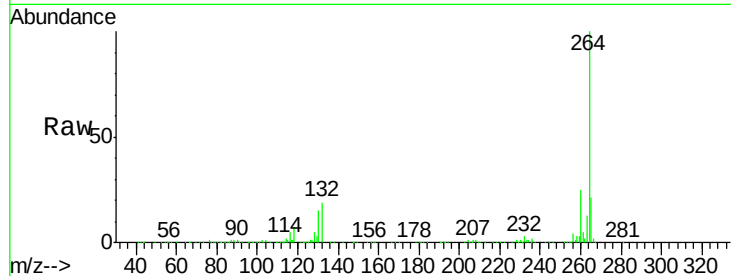
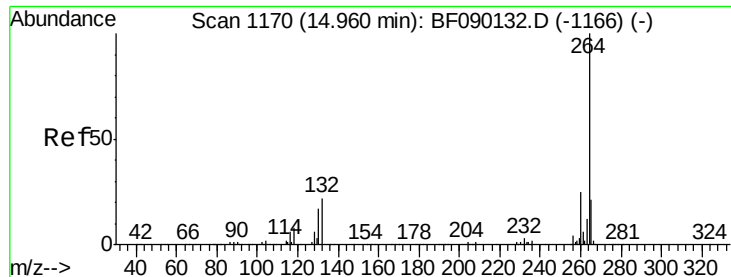


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090257.D
Acq: 27 Sep 2016 17:43

Instrument :
BNA_F
ClientSampleId :
B6-9.5-10

Tot Ion:264	Resp:	427842
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.5 29.3
265	21.2	17.0 25.4

