

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090777.D
 Acq On : 22 Oct 2016 22:00
 Operator : UM/SJ
 Sample : H5343-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Quant Time: Oct 24 03:27:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

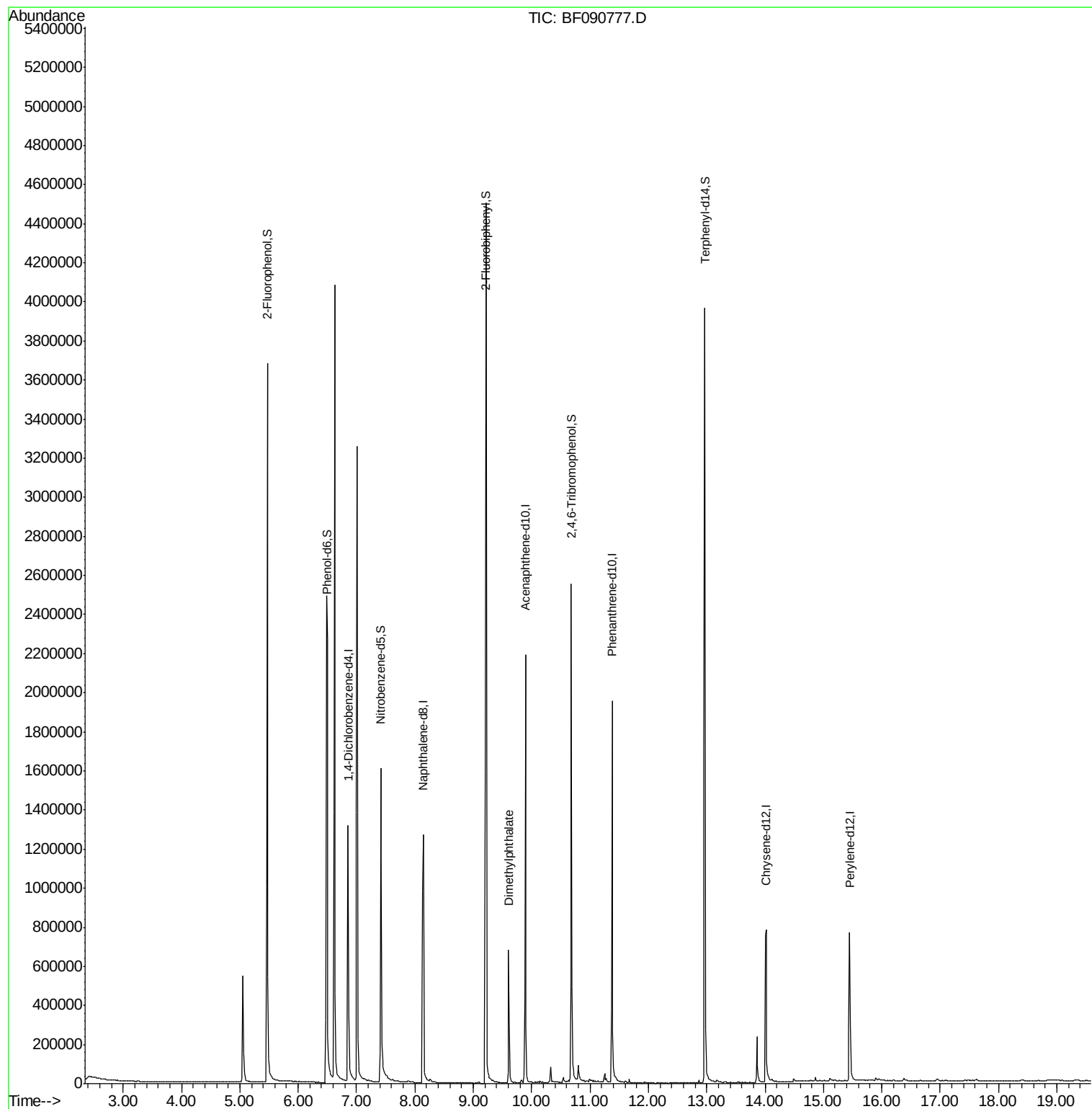
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	234640	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	927765	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	489115	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	783103	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	451459	20.00	ng	0.00
86) Perylene-d12	15.45	264	356740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1129117	77.61	ng	0.01
7) Phenol-d6	6.50	99	1564596	79.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	922482	54.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	347473	89.76	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1661404	52.73	ng	-0.01
78) Terphenyl-d14	12.97	244	1504704	76.39	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	353171	11.49	ng	# 96

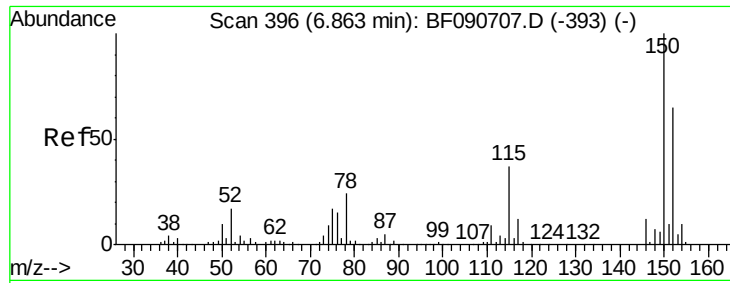
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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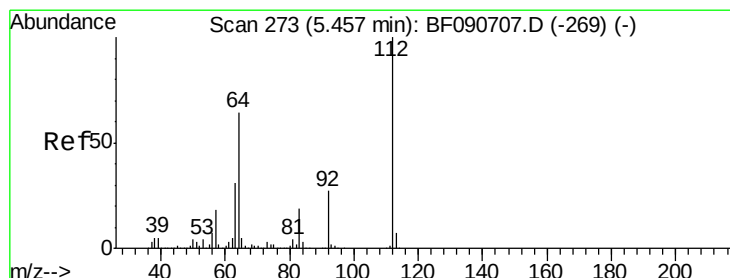
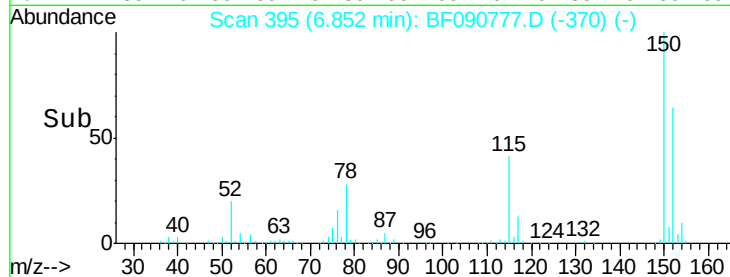
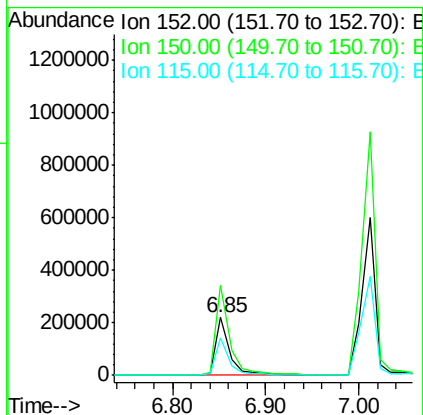
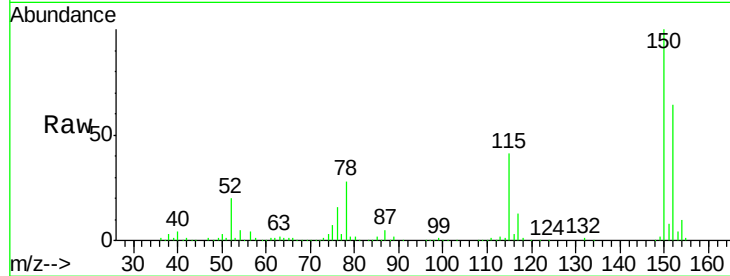


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090777.D
Acq: 22 Oct 2016 22:00

Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-12.5-13.0

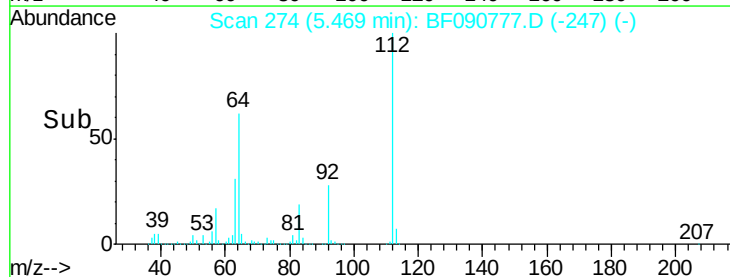
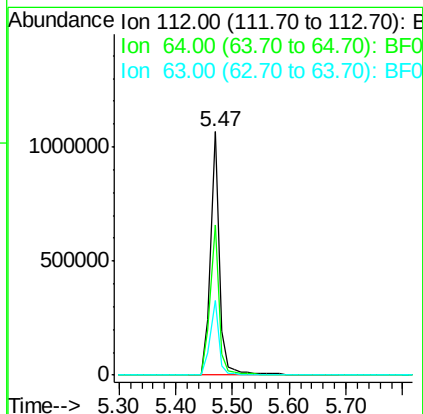
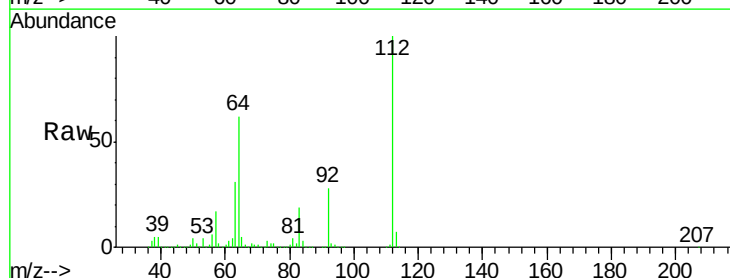
Tot Ion:152 Resp: 234640
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 64.8 39.0 58.4#

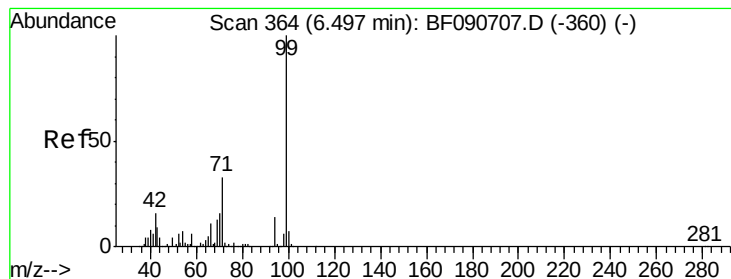


#5

2-Fluorophenol
Concen: 77.61 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090777.D
Acq: 22 Oct 2016 22:00

Tgt Ion:112 Resp: 1129117
Ion Ratio Lower Upper
112 100
64 61.8 39.7 59.5#
63 30.6 17.4 26.0#





#7

Phenol-d6

Concen: 79.39 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

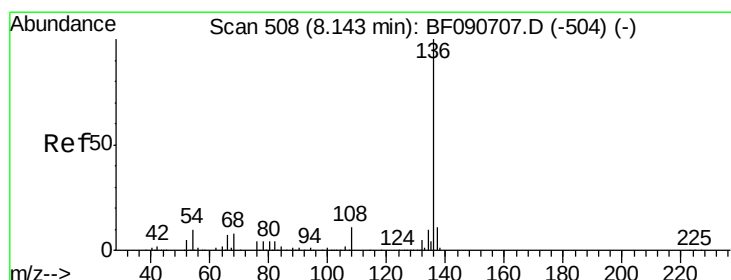
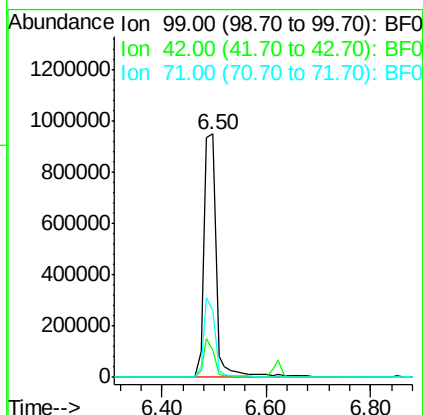
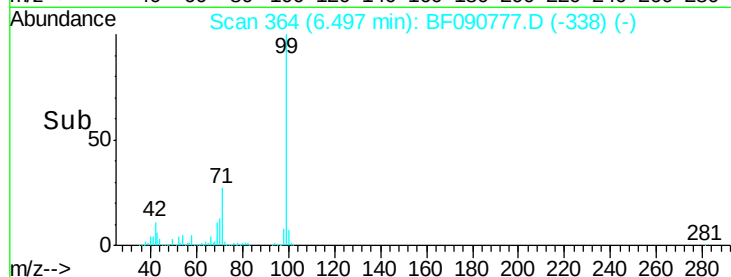
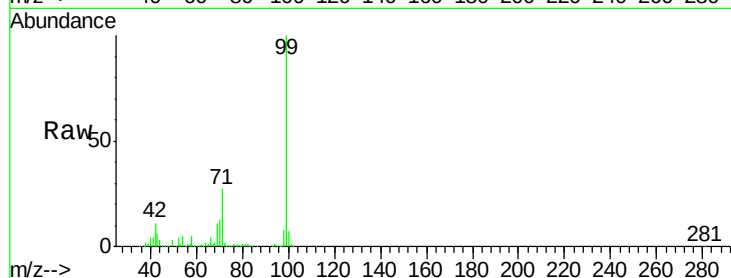
Tot Ion: 99 Resp: 1564596

Ion Ratio Lower Upper

99 100

42 11.0 13.7 20.5#

71 27.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Tgt Ion: 136 Resp: 927765

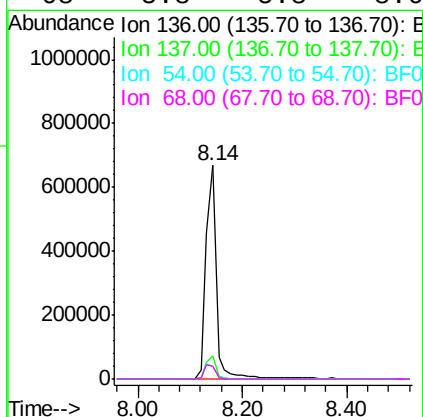
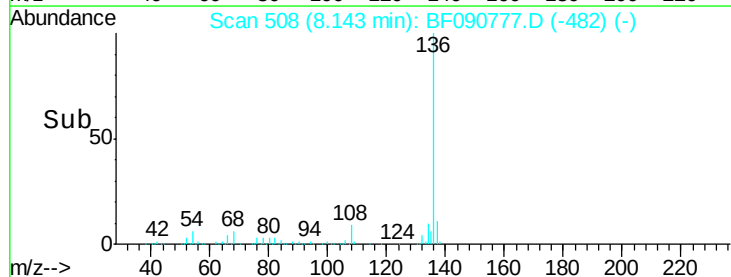
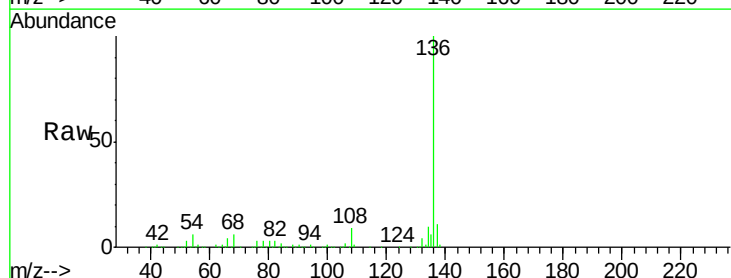
Ion Ratio Lower Upper

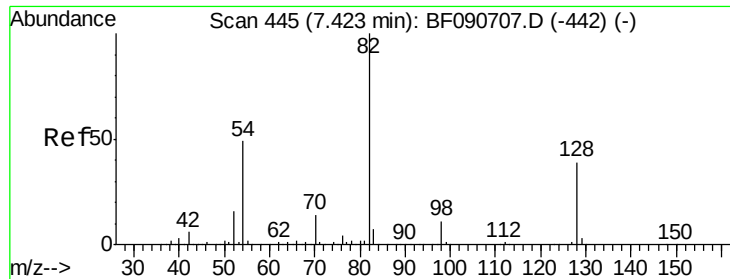
136 100

137 11.0 9.0 13.6

54 6.1 8.2 12.2#

68 5.8 5.8 8.6

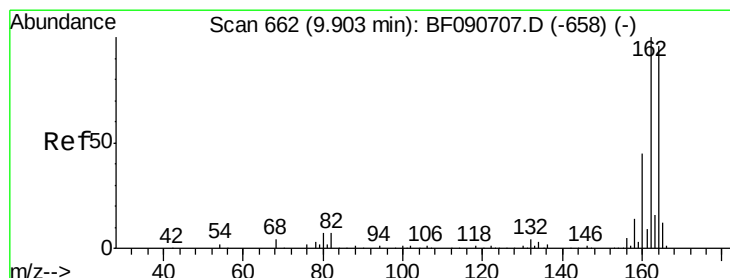
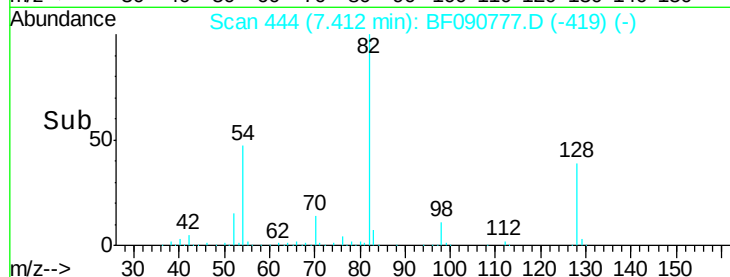
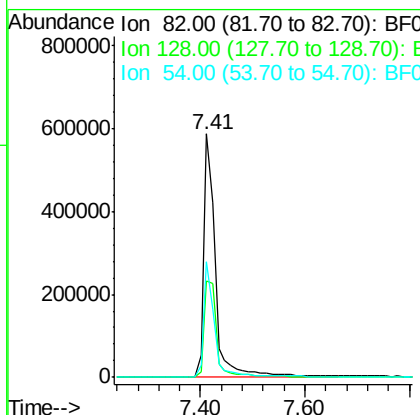
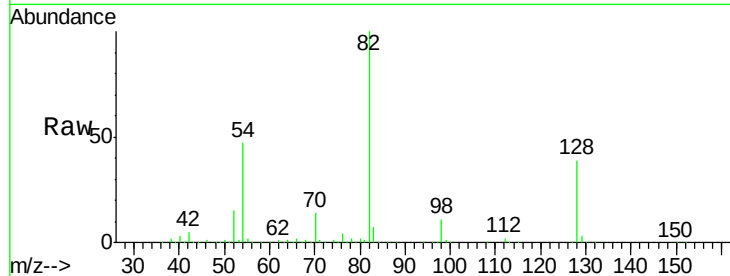




#23
Nitrobenzene-d5
Concen: 54.53 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090777.D
Acq: 22 Oct 2016 22:00

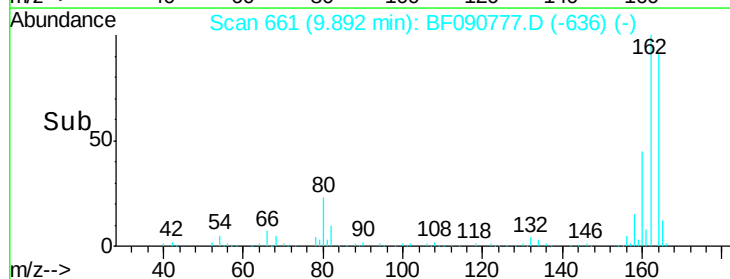
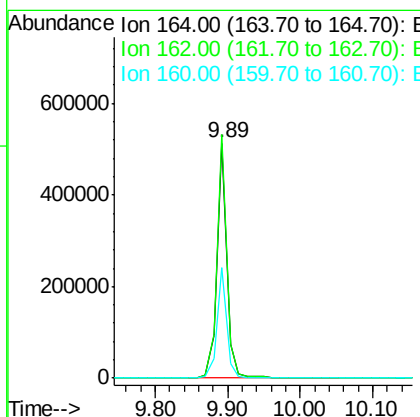
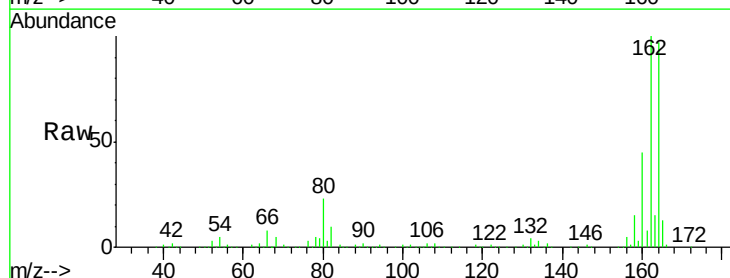
Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-12.5-13.0

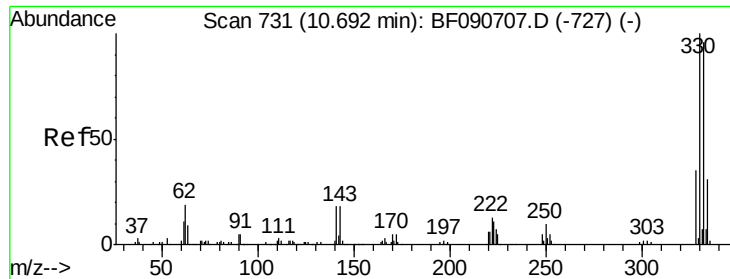
Tot Ion: 82 Resp: 922482
Ion Ratio Lower Upper
82 100
128 39.4 51.0 76.6#
54 47.5 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090777.D
Acq: 22 Oct 2016 22:00

Tgt Ion: 164 Resp: 489115
Ion Ratio Lower Upper
164 100
162 103.5 75.2 112.8
160 46.9 31.5 47.3

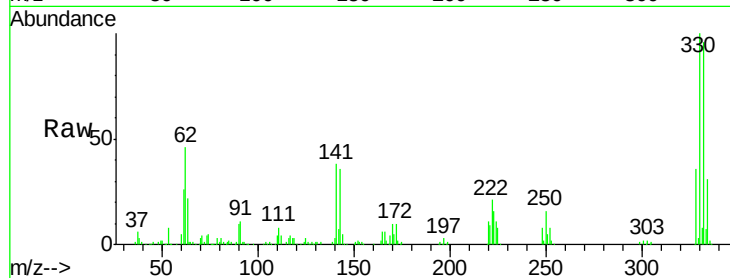




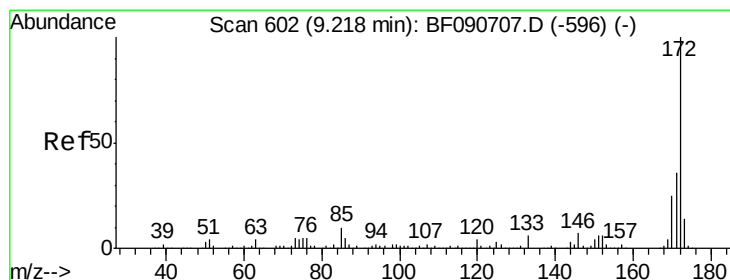
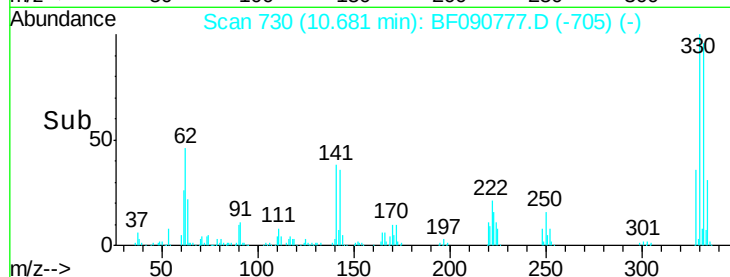
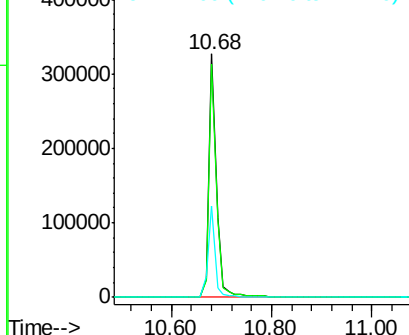
#41
 2,4,6-Tribromophenol
 Concen: 89.76 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	35.9	29.7	44.5

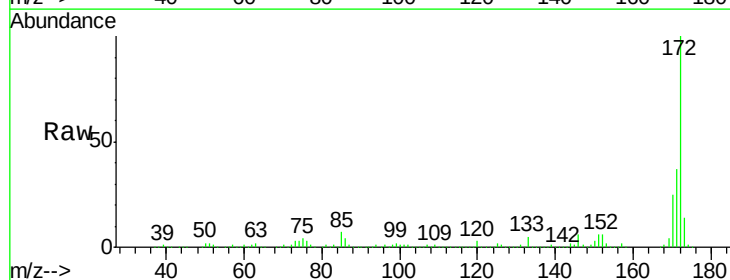


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

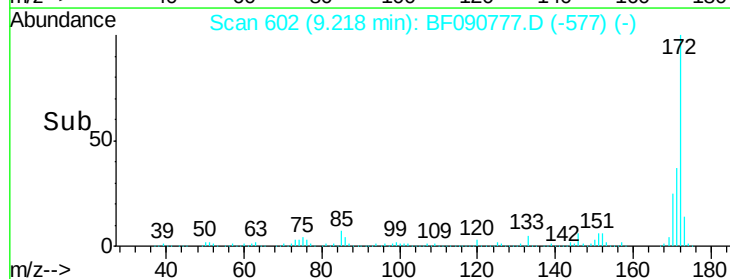
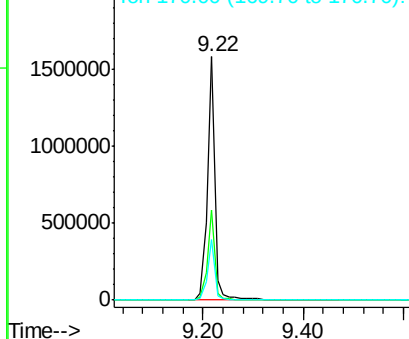


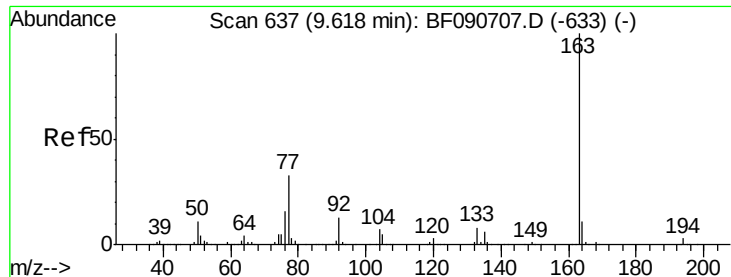
#44
 2-Fluorobiphenyl
 Concen: 52.73 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.7	17.4	26.2



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: 11.49 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

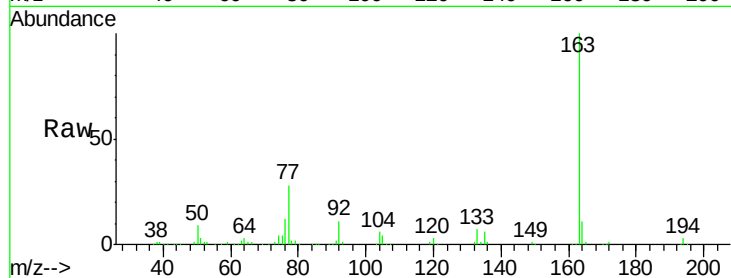
Tot Ion:163 Resp: 353171

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

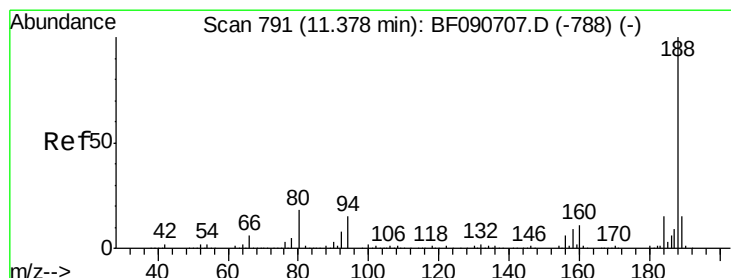
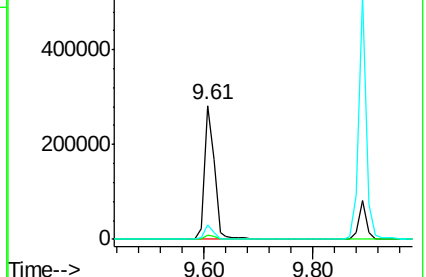
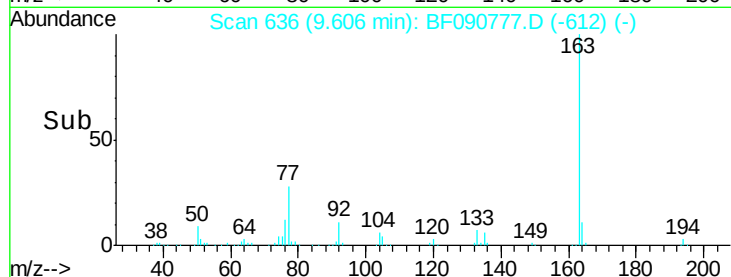
164 10.9 8.3 12.5



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: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

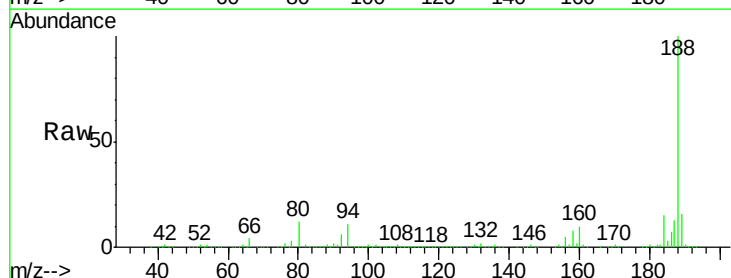
Tgt Ion:188 Resp: 783103

Ion Ratio Lower Upper

188 100

94 10.7 11.1 16.7#

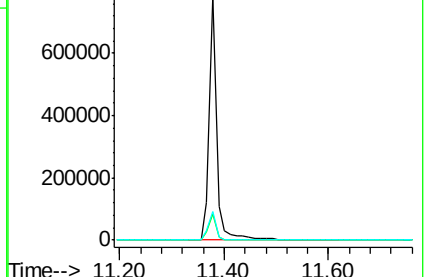
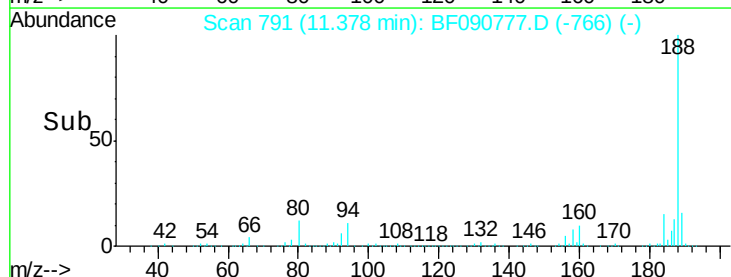
80 11.5 11.0 16.4

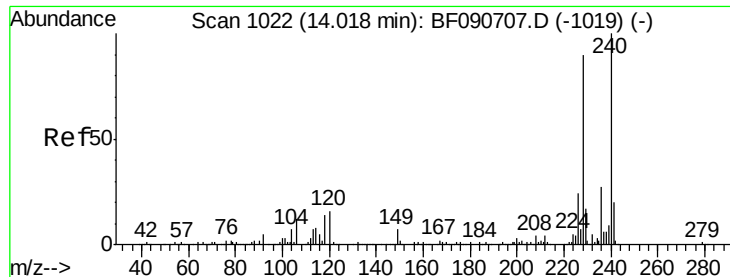


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

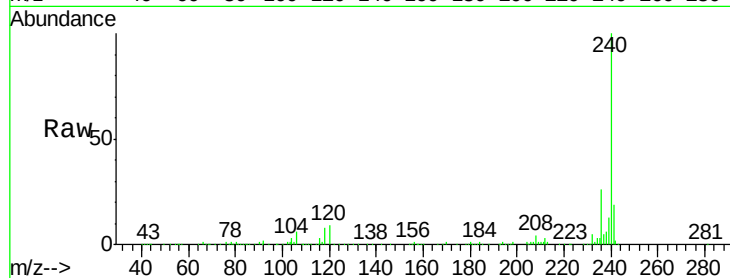
Tot Ion:240 Resp: 451459

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

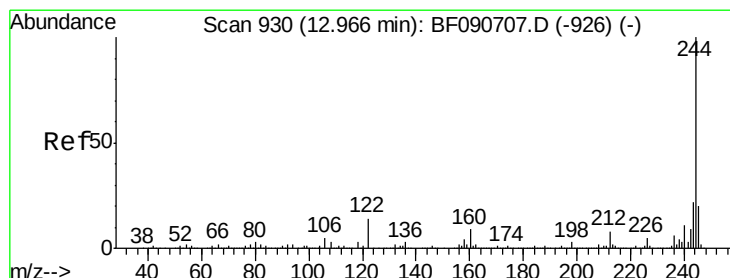
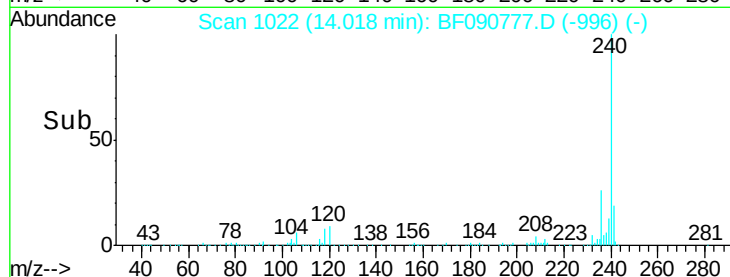
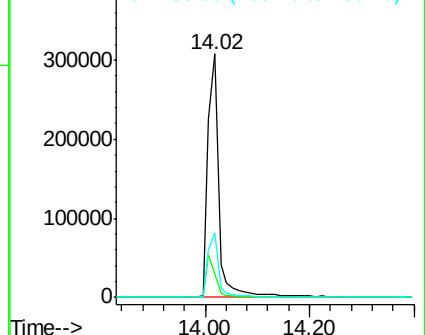
236 26.5 18.4 27.6



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: 76.39 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

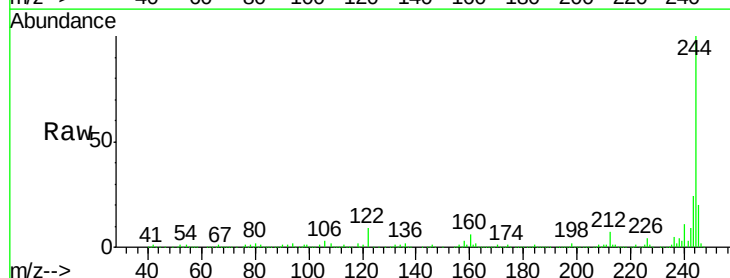
Tgt Ion:244 Resp: 1504704

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

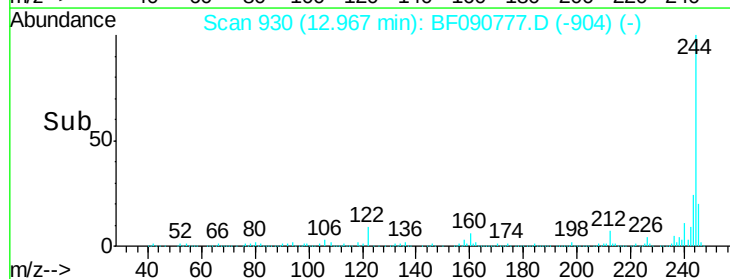
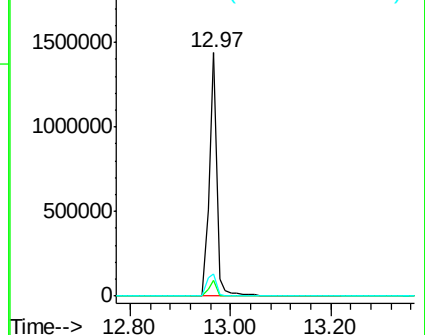
122 9.3 17.4 26.2#

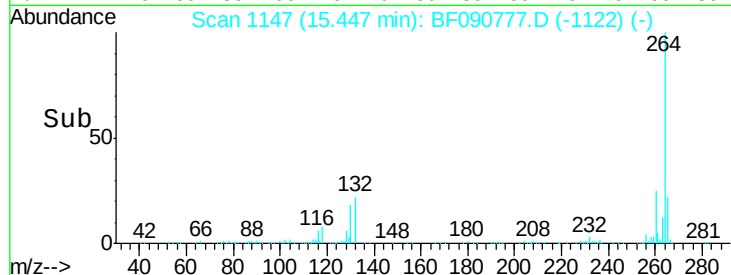
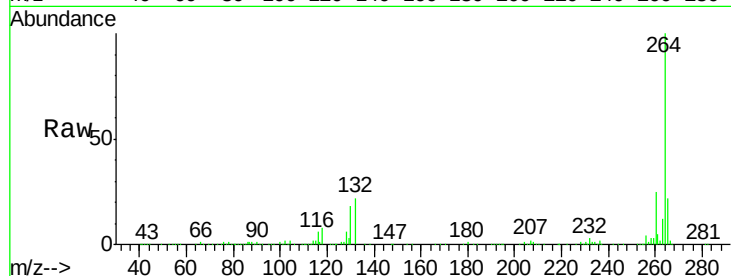
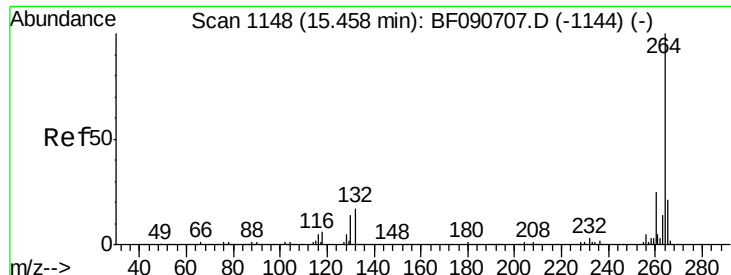


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	16.7	25.1#
265	21.7	17.2	25.8

