

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090696.D
 Acq On : 20 Oct 2016 21:37
 Operator : UM/SJ
 Sample : H5343-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 21 08:55:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

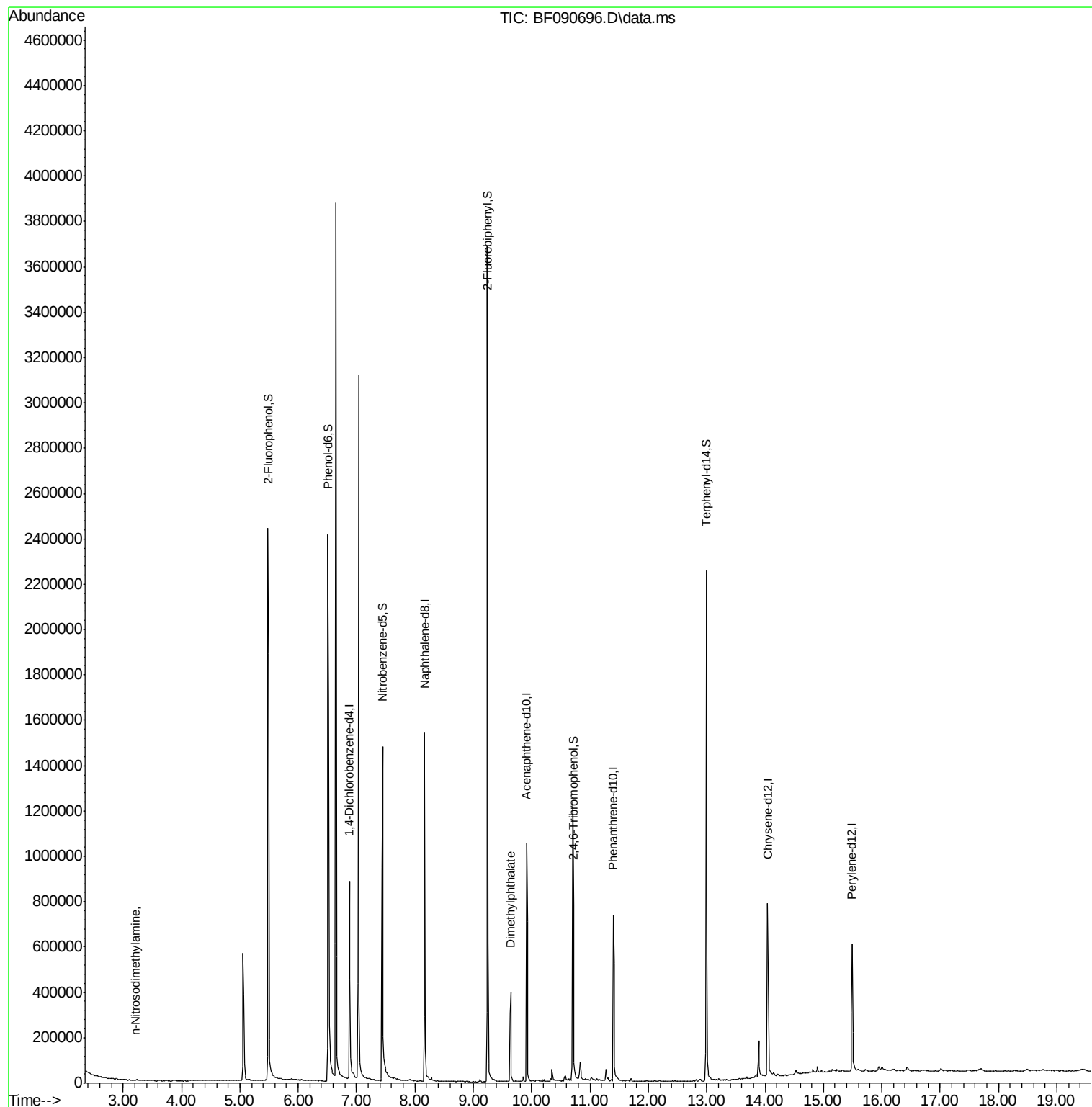
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161909	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	691105	20.00	ng	-0.03
38) Acenaphthene-d10	9.915	164	279799	20.00	ng	-0.05
63) Phenanthrene-d10	11.401	188	361416	20.00	ng	-0.05
75) Chrysene-d12	14.041	240	312445	20.00	ng	-0.05
86) Perylene-d12	15.493	264	246419	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.480	112	940608	106.50	ng	-0.03
7) Phenol-d6	6.509	99	1212798	92.42	ng	-0.03
23) Nitrobenzene-d5	7.446	82	752033	60.45	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	156635	62.79	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1051838	61.94	ng	-0.03
78) Terphenyl-d14	12.989	244	731198	54.49	ng	-0.05
Target Compounds						
4) n-Nitrosodimethylamine	3.217	42	188	7.21	ng	Qvalue # 1
49) Dimethylphthalate	9.641	163	216321	11.92	ng	97

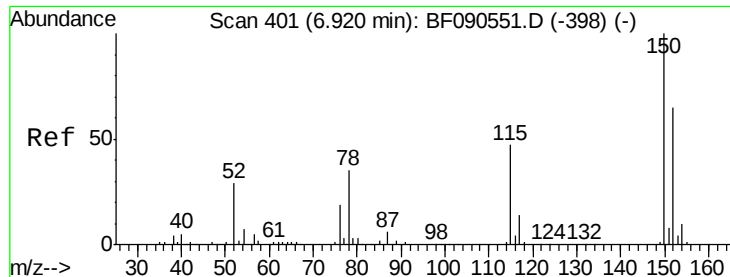
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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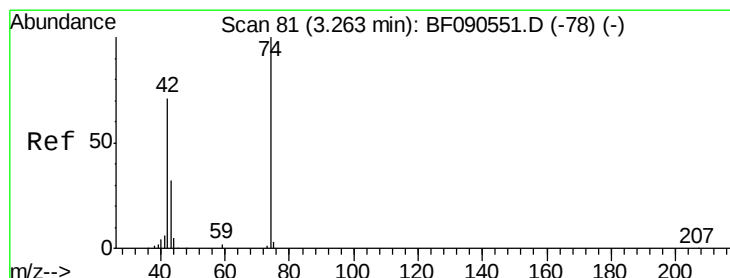
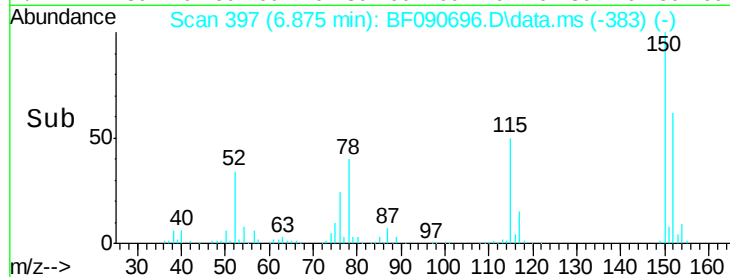
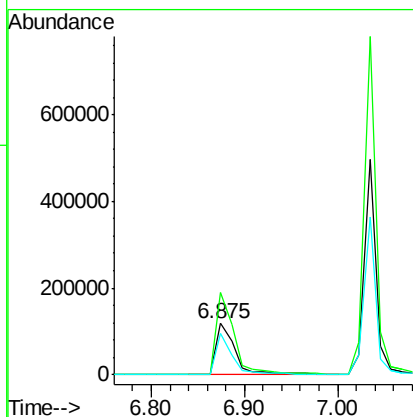
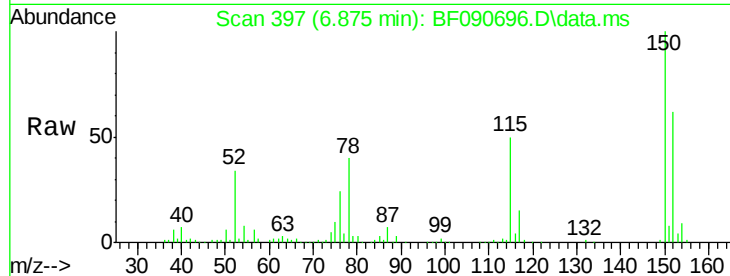




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.875 min Scan# 39
 Delta R.T. -0.034 min
 Lab File: BF090696.D
 Acq: 20 Oct 2016 21:37

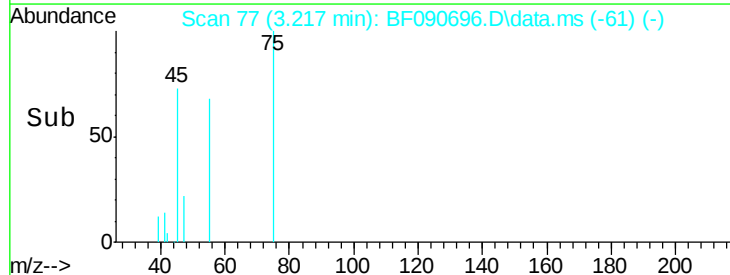
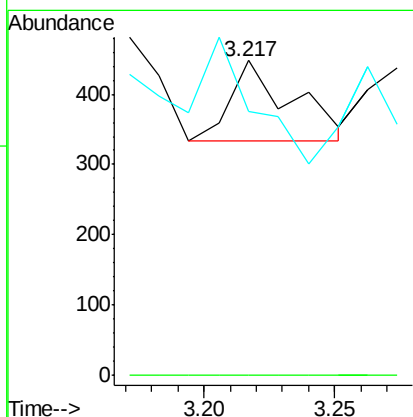
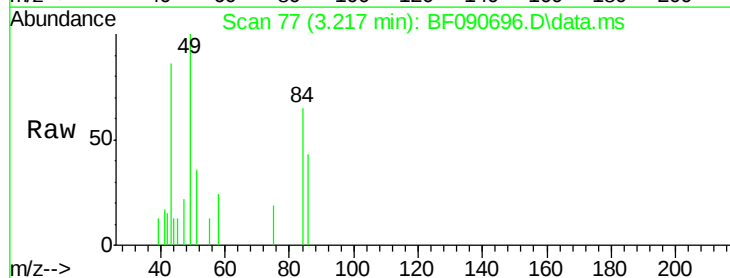
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

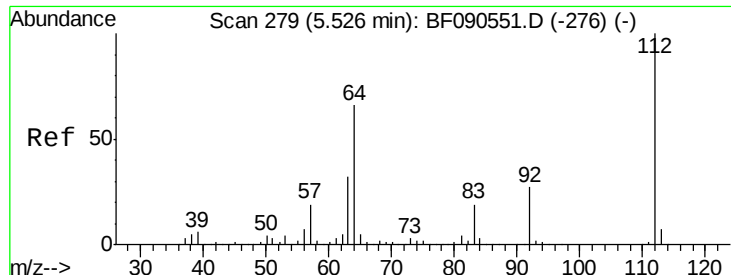
Tot Ion:152 Resp: 161909
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.2 190.8
 115 79.6 58.6 88.0



#4
 n-Nitrosodimethylamine
 Concen: 7.21 ng
 RT: 3.217 min Scan# 77
 Delta R.T. -0.011 min
 Lab File: BF090696.D
 Acq: 20 Oct 2016 21:37

Tgt Ion: 42 Resp: 188
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 83.7 6.0 9.0#





#5

2-Fluorophenol

Concen: 106.50 ng

RT: 5.480 min Scan# 27

Delta R.T. -0.034 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

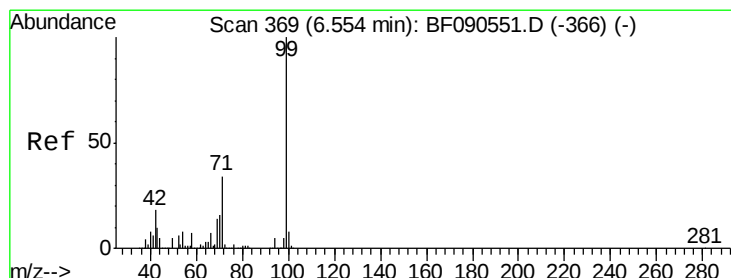
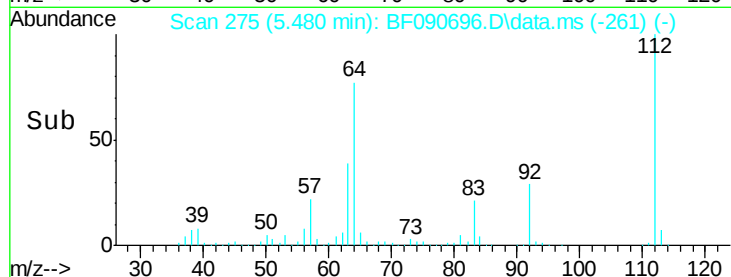
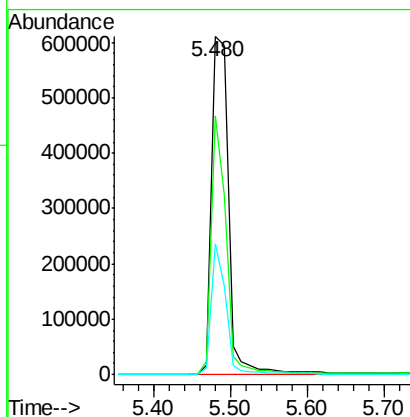
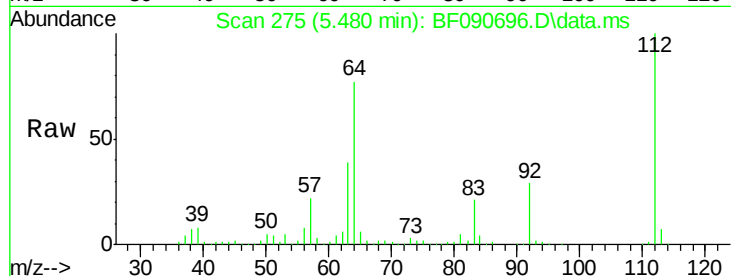
Tot Ion:112 Resp: 940608

Ion Ratio Lower Upper

112 100

64 76.6 52.6 78.8

63 38.7 26.0 39.0



#7

Phenol-d6

Concen: 92.42 ng

RT: 6.509 min Scan# 365

Delta R.T. -0.034 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

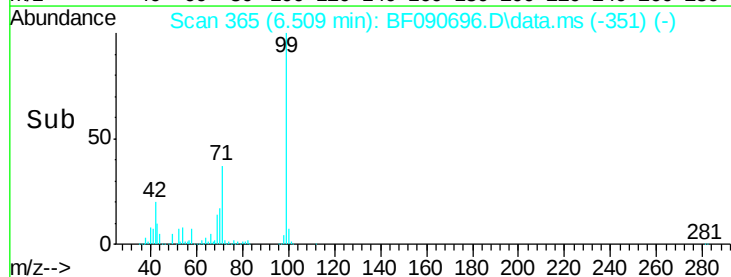
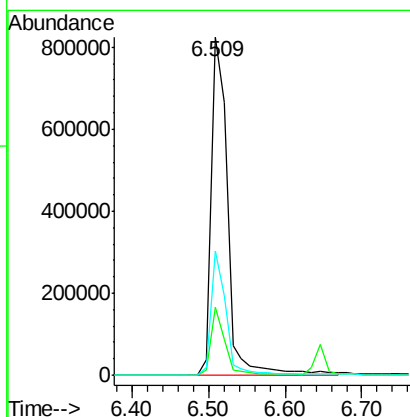
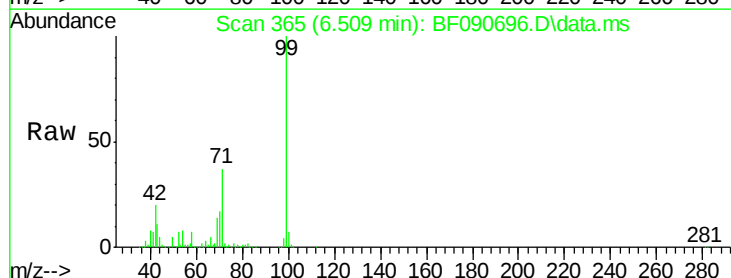
Tgt Ion: 99 Resp: 1212798

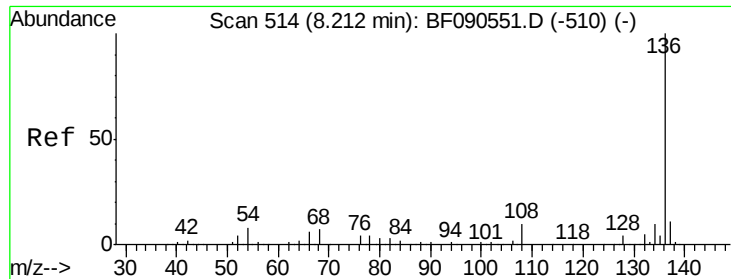
Ion Ratio Lower Upper

99 100

42 20.0 14.7 22.1

71 36.9 27.6 41.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.166 min Scan# 51

Delta R.T. -0.034 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

Tot Ion:136 Resp: 691105

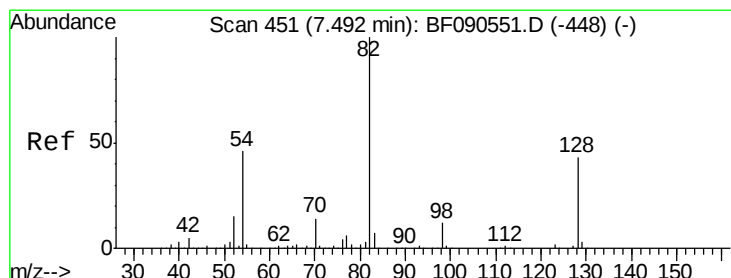
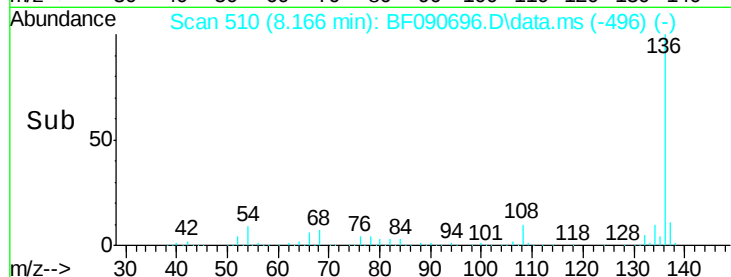
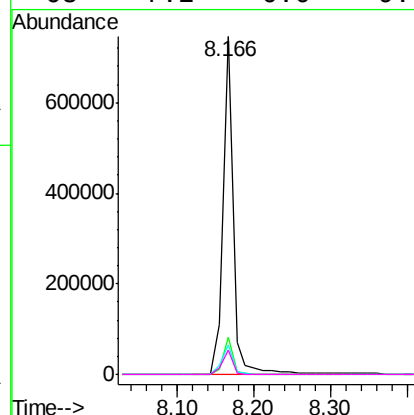
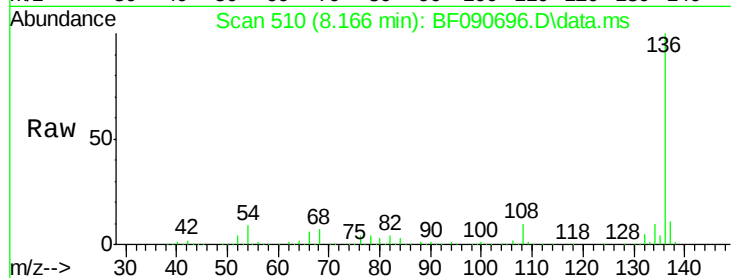
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.7 6.8 10.2

68 7.2 6.0 9.0



#23

Nitrobenzene-d5

Concen: 60.45 ng

RT: 7.446 min Scan# 447

Delta R.T. -0.034 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

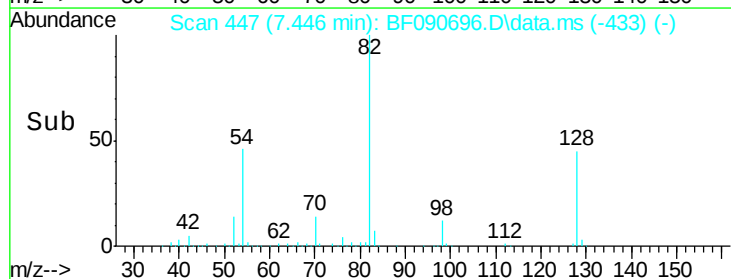
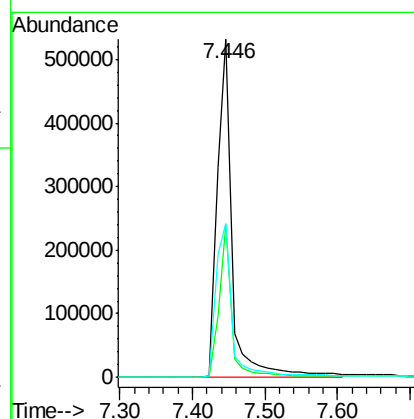
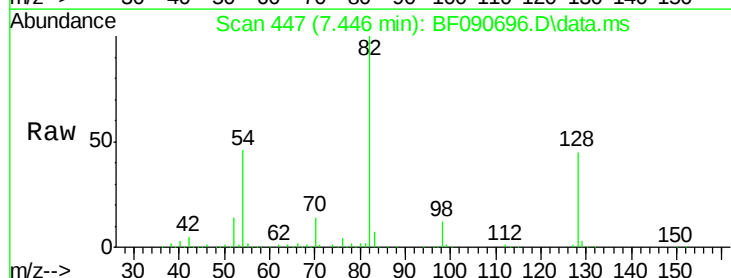
Tgt Ion: 82 Resp: 752033

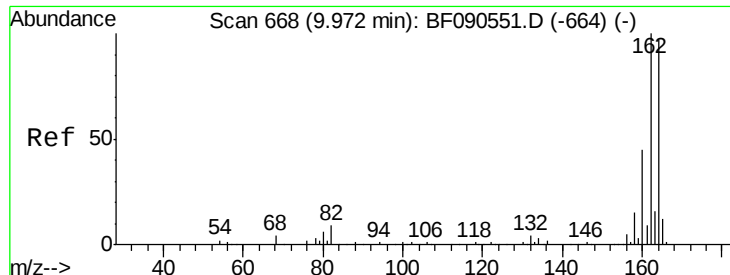
Ion Ratio Lower Upper

82 100

128 45.0 34.3 51.5

54 45.6 37.0 55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.915 min Scan# 66

Delta R.T. -0.046 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

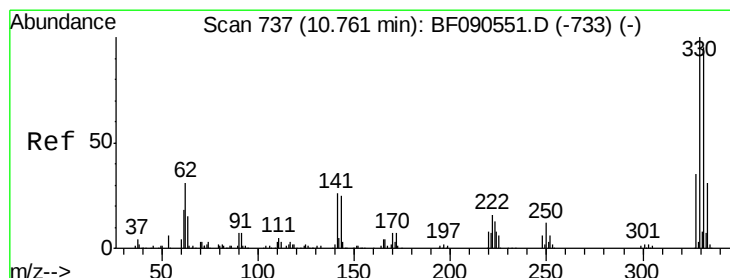
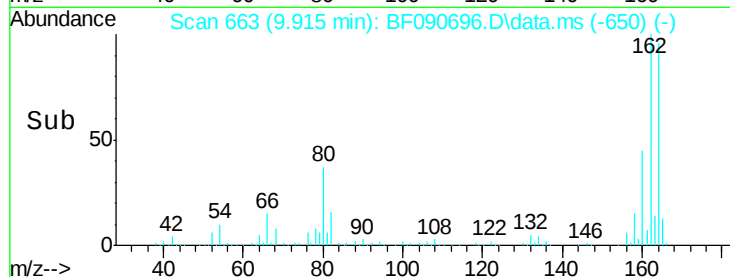
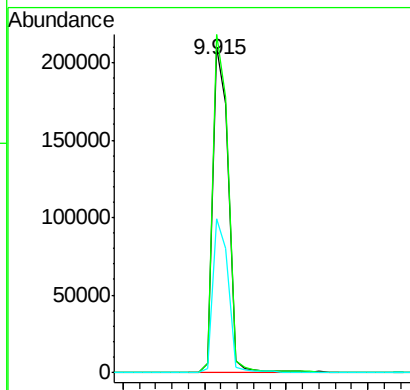
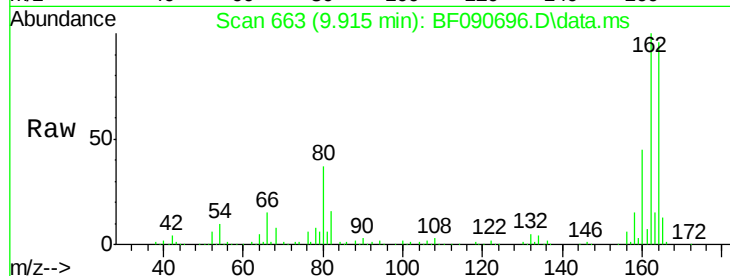
Tot Ion:164 Resp: 279799

Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.4

160 47.2 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 62.79 ng

RT: 10.715 min Scan# 733

Delta R.T. -0.034 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

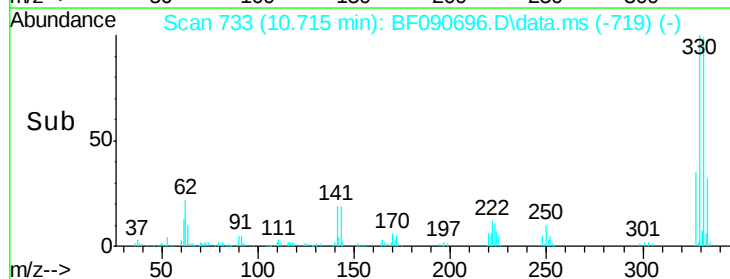
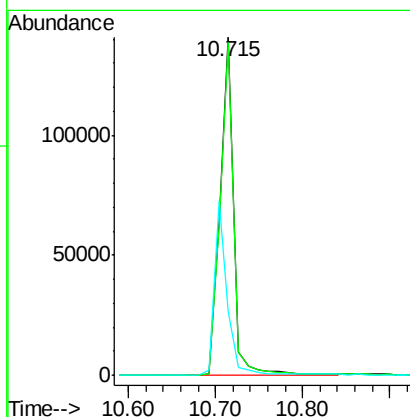
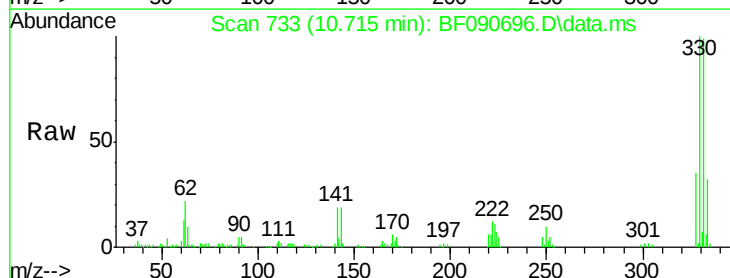
Tgt Ion:330 Resp: 156635

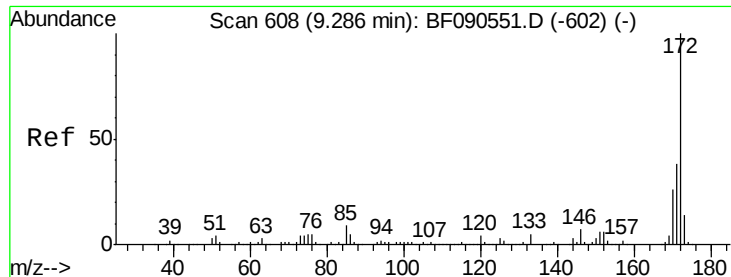
Ion Ratio Lower Upper

330 100

332 98.5 76.2 114.2

141 48.9 31.4 47.2#

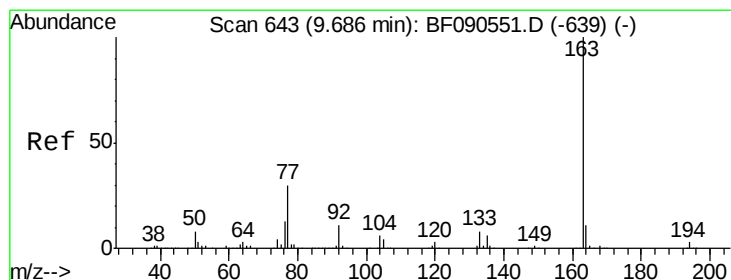
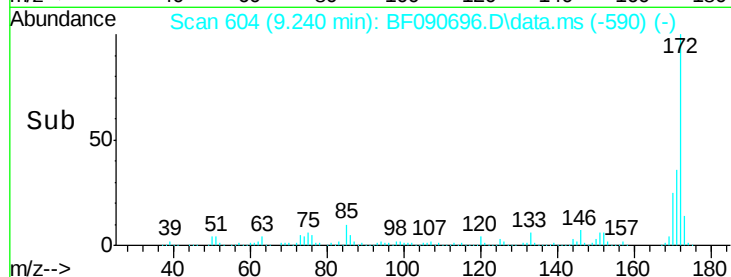
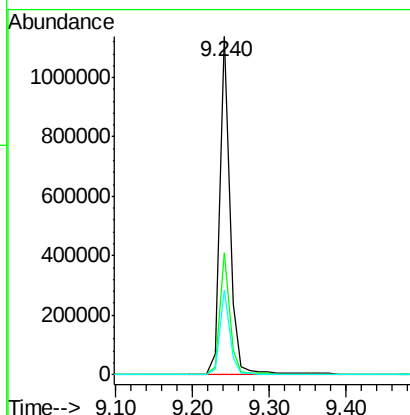
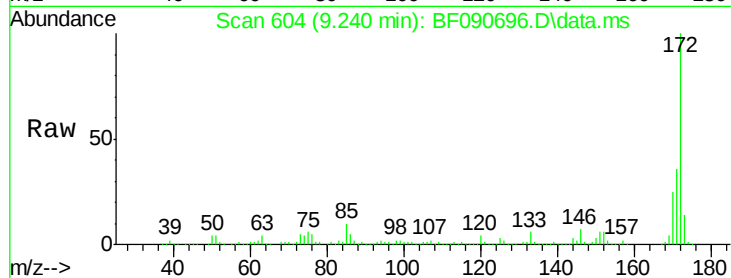




#44
2-Fluorobiphenyl
Concen: 61.94 ng
RT: 9.240 min Scan# 60
Delta R.T. -0.034 min
Lab File: BF090696.D
Acq: 20 Oct 2016 21:37

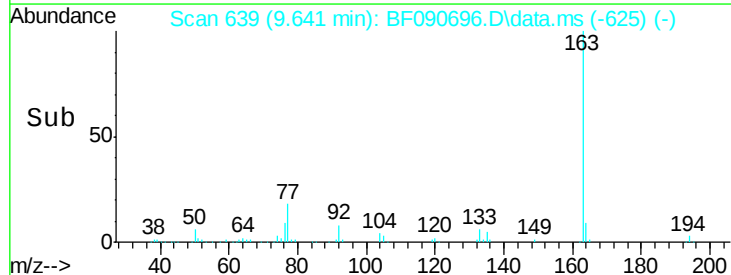
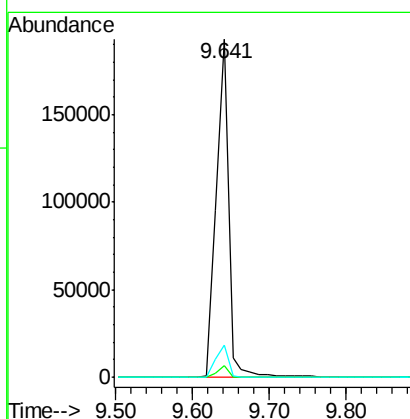
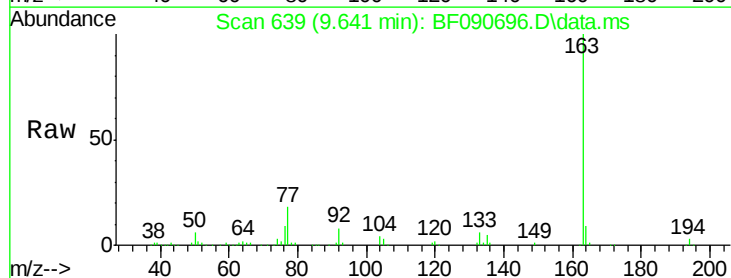
Instrument :
BNA_F
ClientSampleId :
RMAB-SB04-12.5-13.0

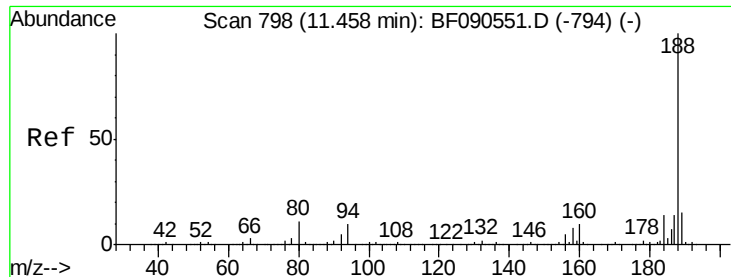
Tot Ion:172 Resp: 1051838
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 25.1 20.6 30.8



#49
Dimethylphthalate
Concen: 11.92 ng
RT: 9.641 min Scan# 639
Delta R.T. -0.034 min
Lab File: BF090696.D
Acq: 20 Oct 2016 21:37

Tgt Ion:163 Resp: 216321
Ion Ratio Lower Upper
163 100
194 3.3 2.3 3.5
164 9.5 8.6 13.0

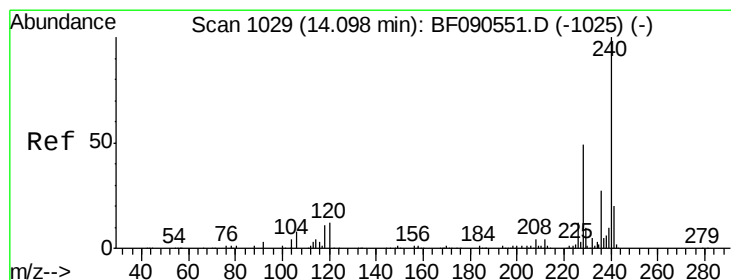
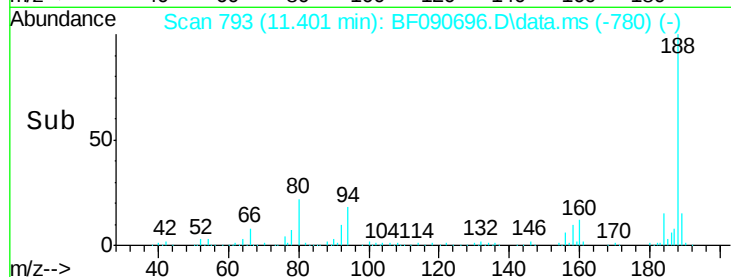
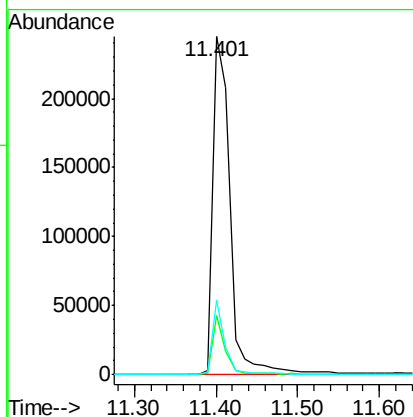
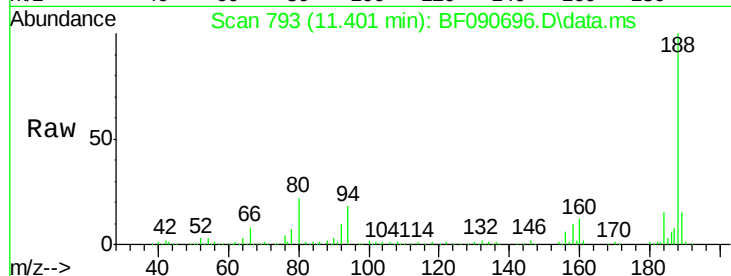




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.401 min Scan# 79
Delta R.T. -0.046 min
Lab File: BF090696.D
Acq: 20 Oct 2016 21:37

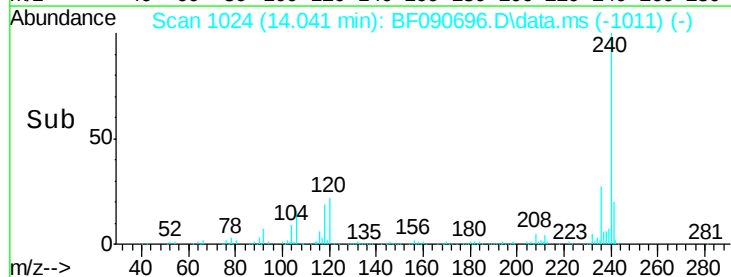
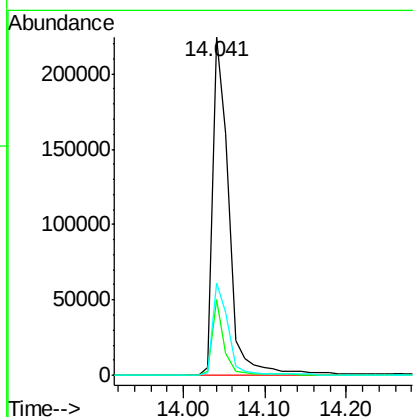
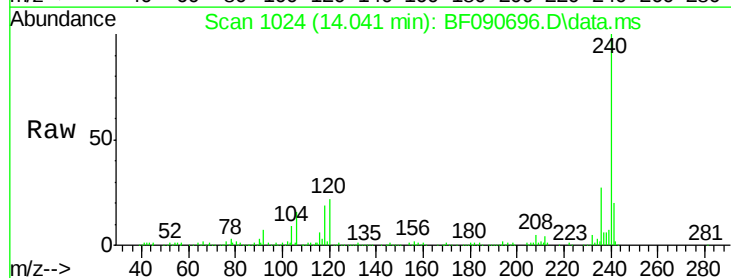
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ClientSampleId :
RMAB-SB04-12.5-13.0

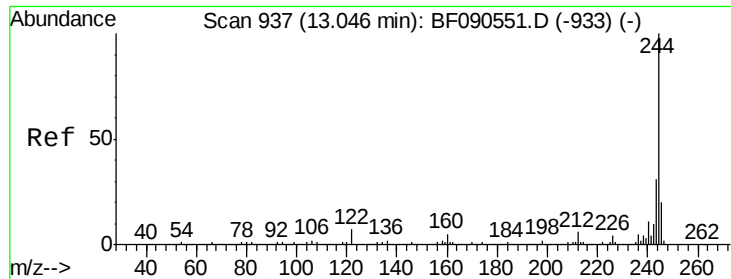
Tot Ion:188 Resp: 361416
Ion Ratio Lower Upper
188 100
94 17.6 7.7 11.5#
80 22.2 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.041 min Scan# 1024
Delta R.T. -0.046 min
Lab File: BF090696.D
Acq: 20 Oct 2016 21:37

Tgt Ion:240 Resp: 312445
Ion Ratio Lower Upper
240 100
120 22.4 9.8 14.8#
236 27.3 21.7 32.5





#78

Terphenyl-d14

Concen: 54.49 ng

RT: 12.989 min Scan# 93

Delta R.T. -0.046 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

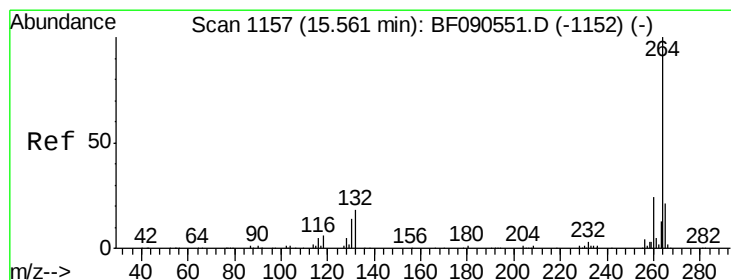
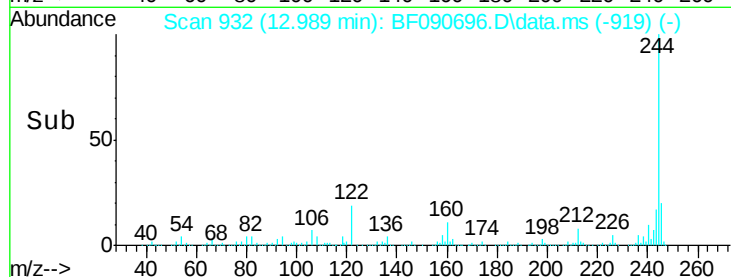
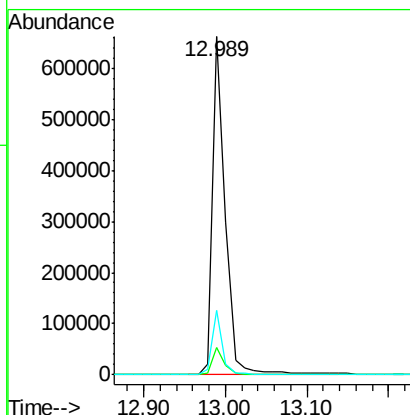
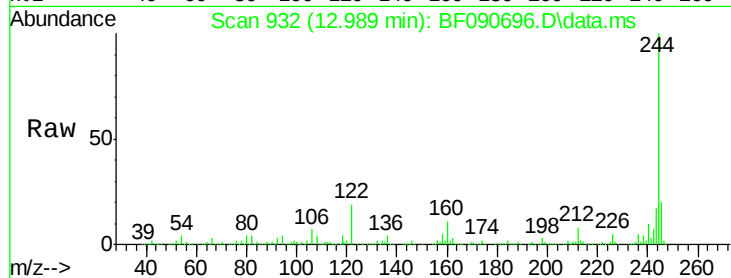
Tot Ion:244 Resp: 731198

Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

122 18.9 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.493 min Scan# 1151

Delta R.T. -0.046 min

Lab File: BF090696.D

Acq: 20 Oct 2016 21:37

Tgt Ion:264 Resp: 246419

Ion Ratio Lower Upper

264 100

260 24.8 19.3 28.9

265 22.1 16.7 25.1

