

Data Path : Z:\HPCHEM1\BNA F\Data\BF102016\
 Data File : BF090691.D
 Acq On : 20 Oct 2016 19:21
 Operator : UM/SJ
 Sample : H5343-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-14.5-15.0

Quant Time: Oct 21 08:52:14 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)

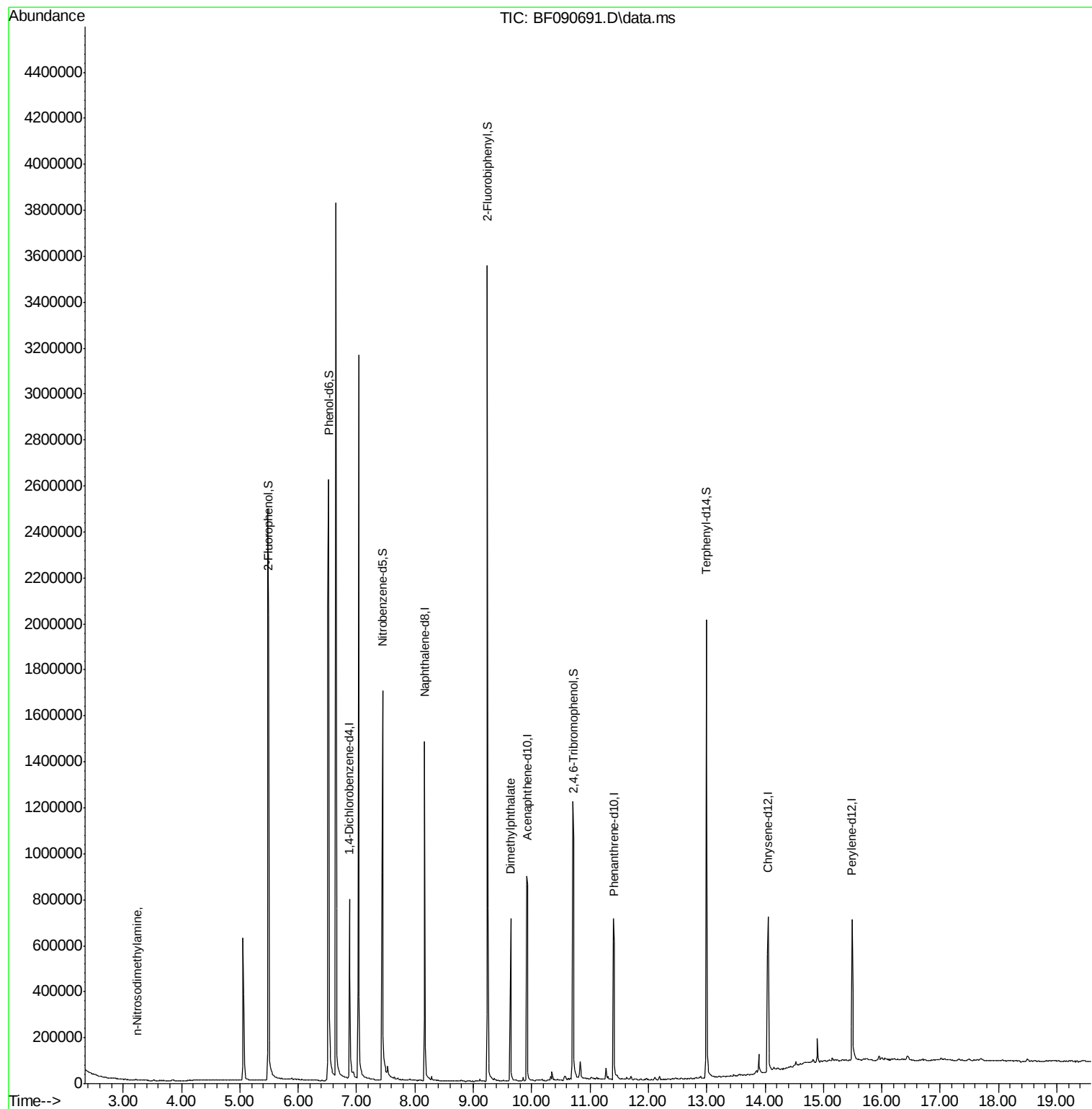
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	150433	20.00	ng	-0.03
21) Naphthalene-d8	8.166	136	659457	20.00	ng	-0.03
38) Acenaphthene-d10	9.926	164	276937	20.00	ng	-0.03
63) Phenanthrene-d10	11.412	188	376349	20.00	ng	-0.03
75) Chrysene-d12	14.052	240	318332	20.00	ng	-0.03
86) Perylene-d12	15.493	264	262768	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	984483	119.97	ng	-0.02
7) Phenol-d6	6.520	99	1352128	110.89	ng	-0.02
23) Nitrobenzene-d5	7.446	82	800478	67.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.715	330	188804	76.47	ng	-0.03
44) 2-Fluorobiphenyl	9.240	172	1051251	62.55	ng	-0.03
78) Terphenyl-d14	12.989	244	813109	59.47	ng	-0.05
Target Compounds						
4) n-Nitrosodimethylamine	3.240	42	326	7.24	ng	Qvalue # 1
49) Dimethylphthalate	9.640	163	331528	18.45	ng	98

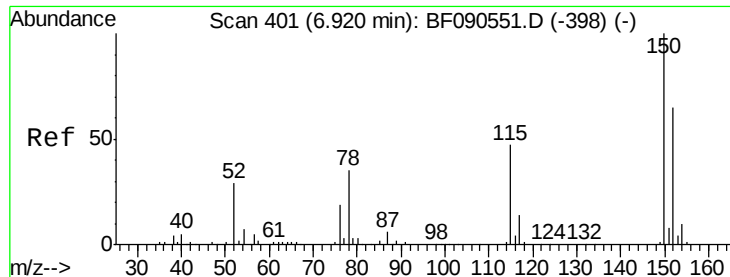
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

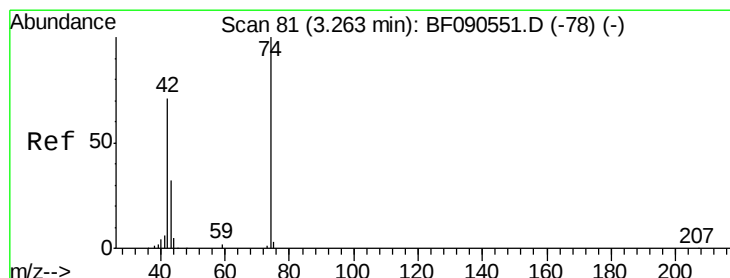
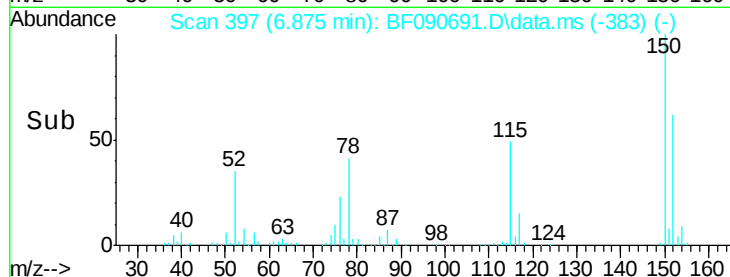
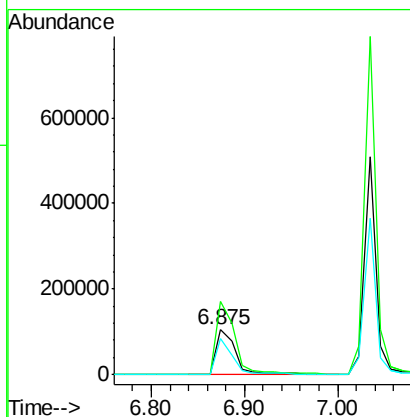
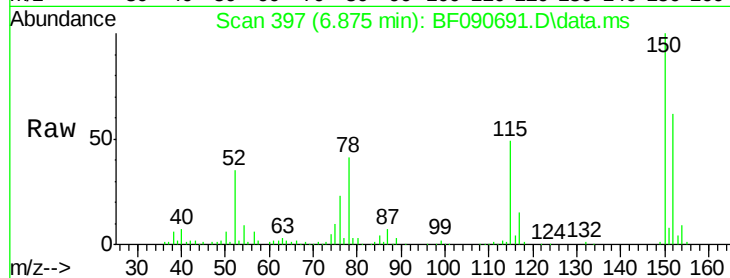
Tot Ion:152 Resp: 150433

Ion Ratio Lower Upper

152 100

150 161.6 127.2 190.8

115 79.9 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.24 ng

RT: 3.240 min Scan# 79

Delta R.T. 0.011 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

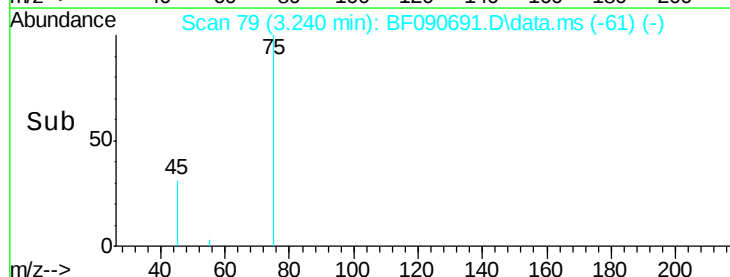
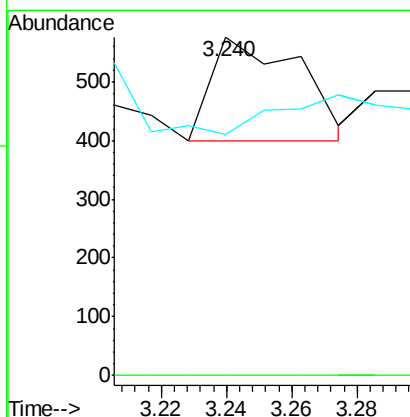
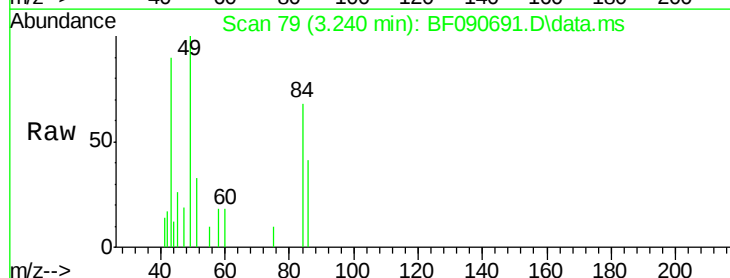
Tgt Ion: 42 Resp: 326

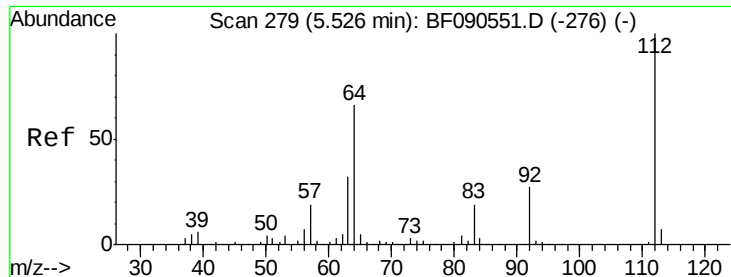
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 71.4 6.0 9.0#





#5

2-Fluorophenol

Concen: 119.97 ng

RT: 5.492 min Scan# 27

Delta R.T. -0.023 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

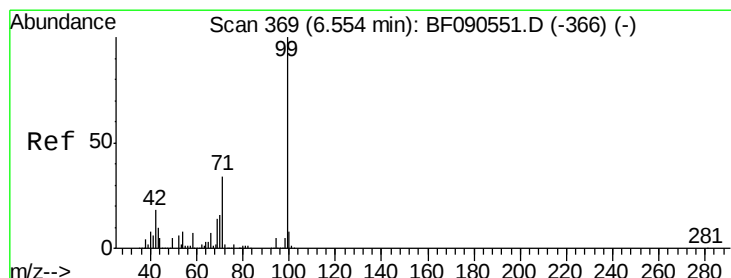
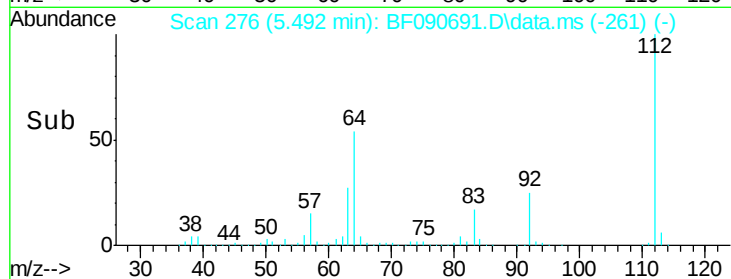
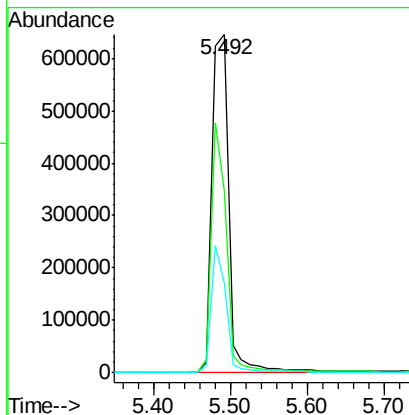
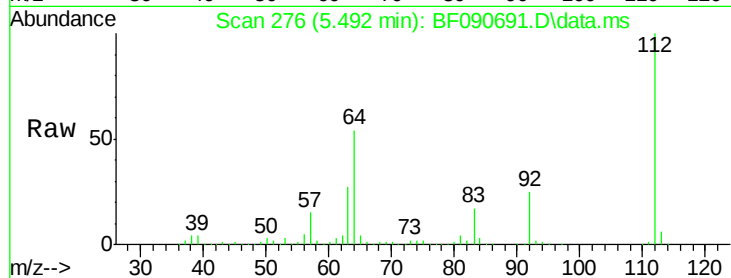
Tot Ion:112 Resp: 984483

Ion Ratio Lower Upper

112 100

64 53.7 52.6 78.8

63 26.6 26.0 39.0



#7

Phenol-d6

Concen: 110.89 ng

RT: 6.520 min Scan# 366

Delta R.T. -0.023 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

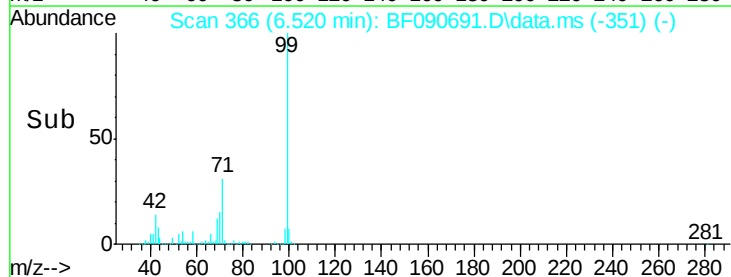
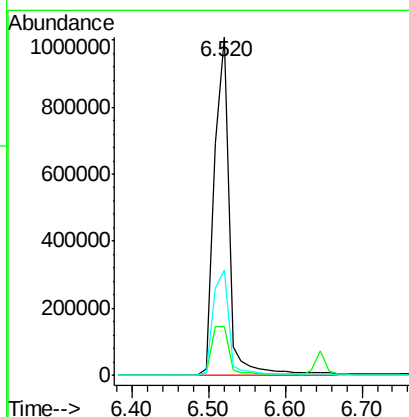
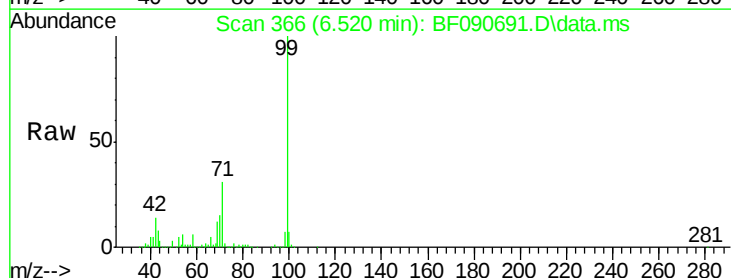
Tgt Ion: 99 Resp: 1352128

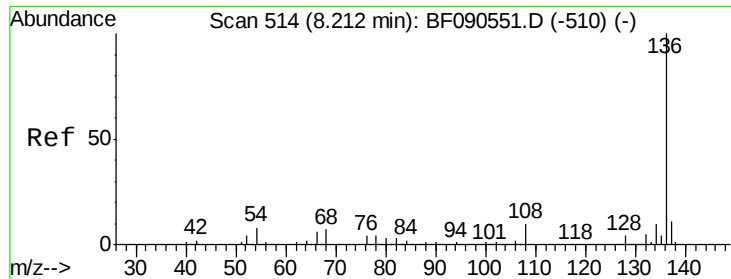
Ion Ratio Lower Upper

99 100

42 14.2 14.7 22.1#

71 31.1 27.6 41.4

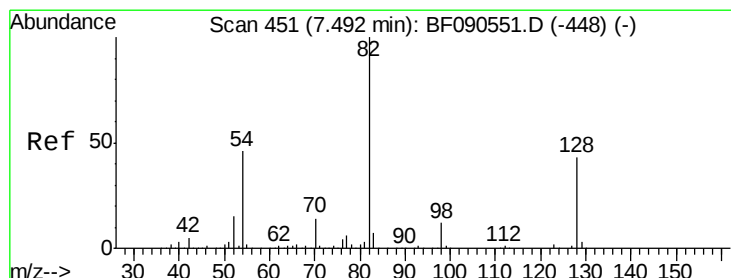
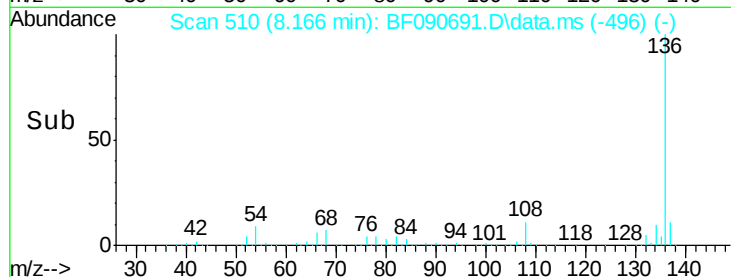
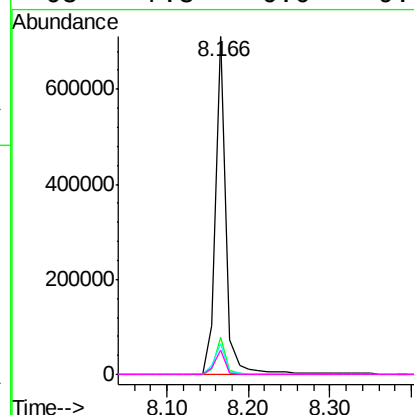
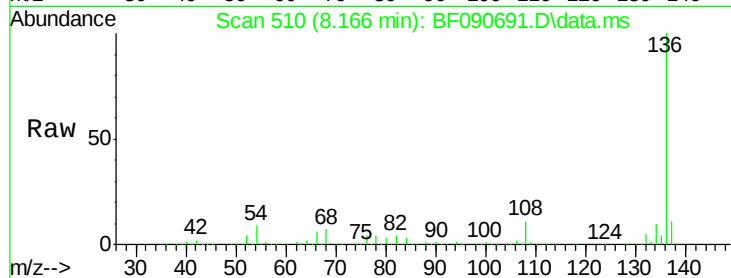




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.166 min Scan# 51
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

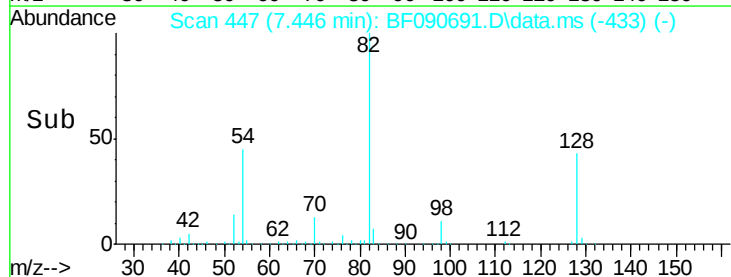
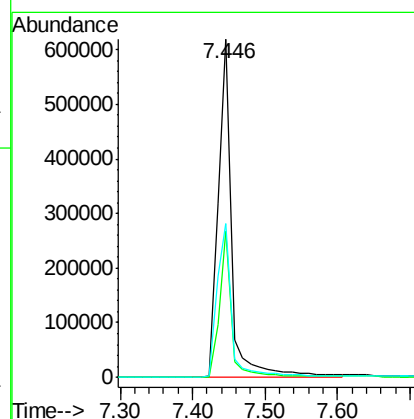
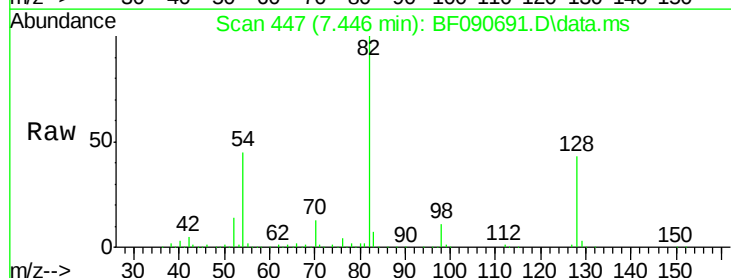
Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

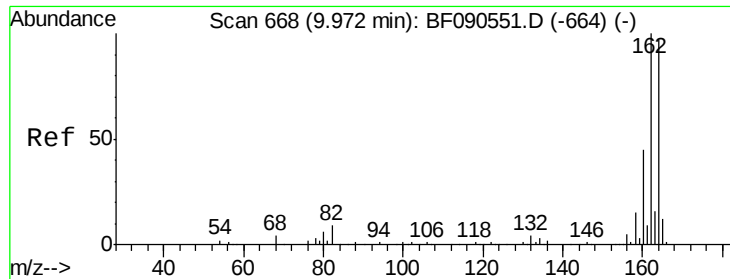
Tot Ion:136	Resp:	659457
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	9.0	6.8 10.2
68	7.3	6.0 9.0



#23
Nitrobenzene-d5
Concen: 67.43 ng
RT: 7.446 min Scan# 447
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

Tgt Ion: 82	Resp:	800478
Ion Ratio	Lower	Upper
82	100	
128	43.1	34.3 51.5
54	45.5	37.0 55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.926 min Scan# 66

Delta R.T. -0.034 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-14.5-15.0

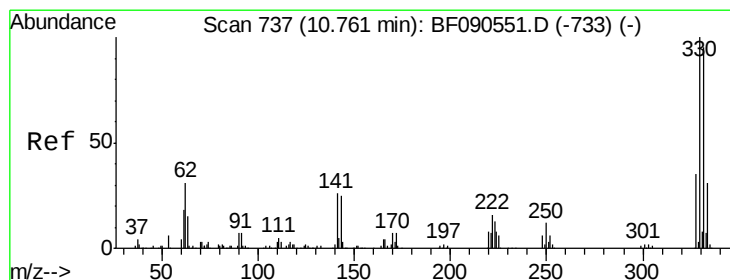
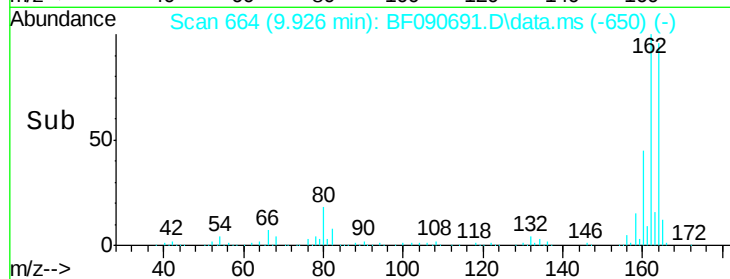
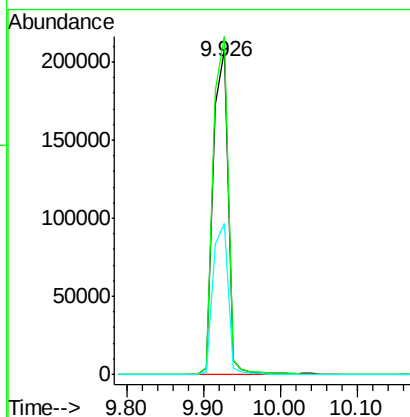
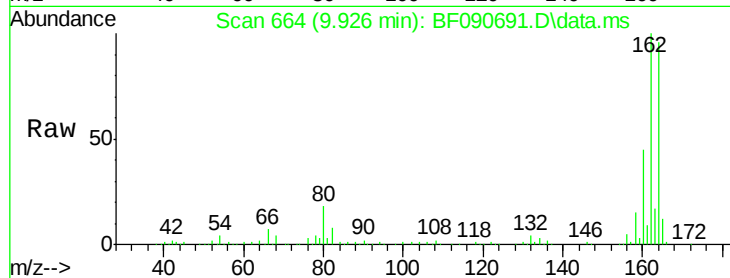
Tot Ion:164 Resp: 276937

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.4

160 46.8 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 76.47 ng

RT: 10.715 min Scan# 733

Delta R.T. -0.034 min

Lab File: BF090691.D

Acq: 20 Oct 2016 19:21

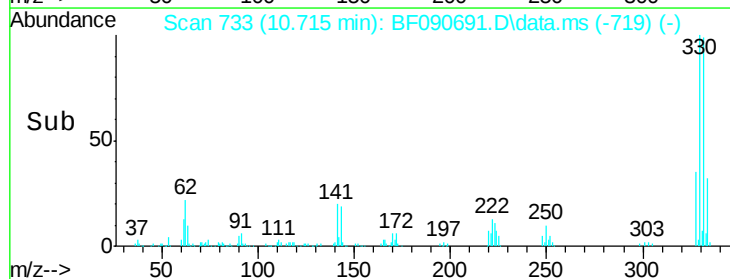
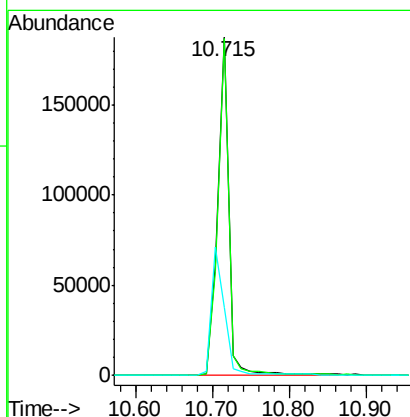
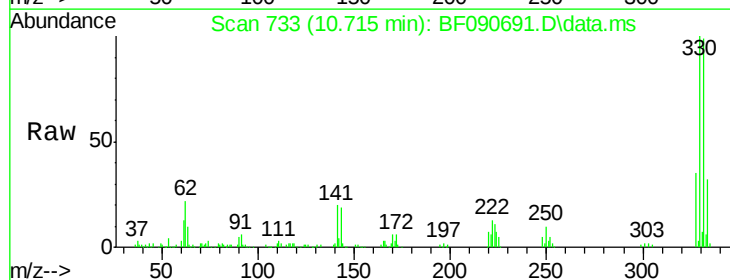
Tgt Ion:330 Resp: 188804

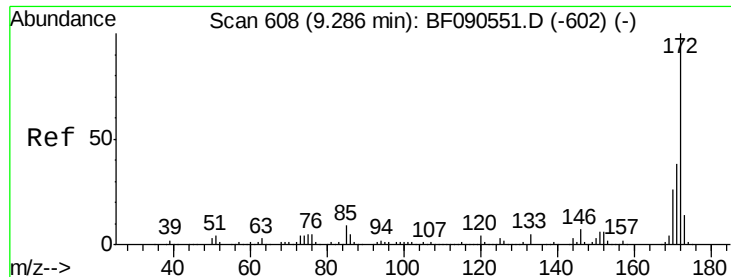
Ion Ratio Lower Upper

330 100

332 98.2 76.2 114.2

141 45.0 31.4 47.2

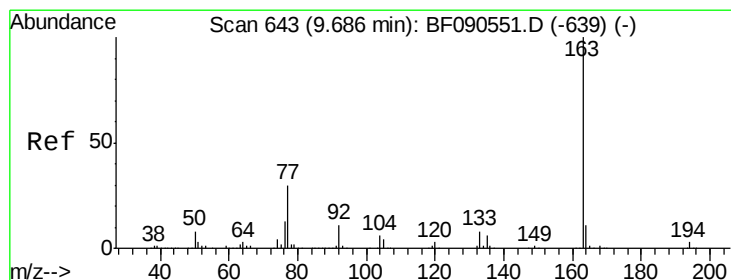
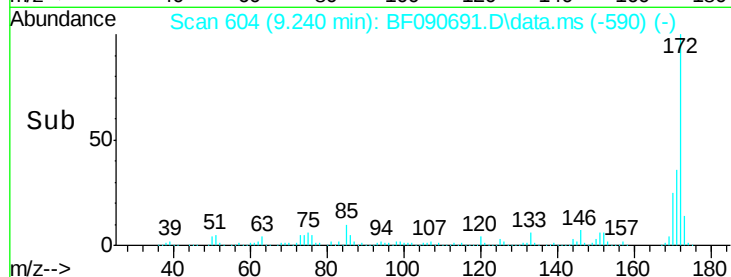
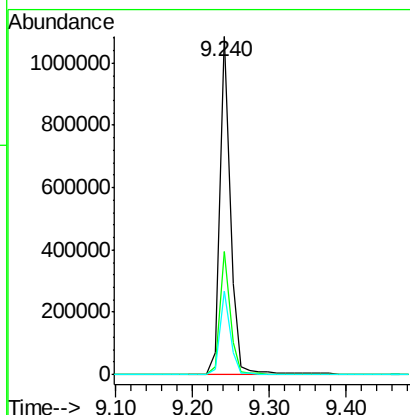
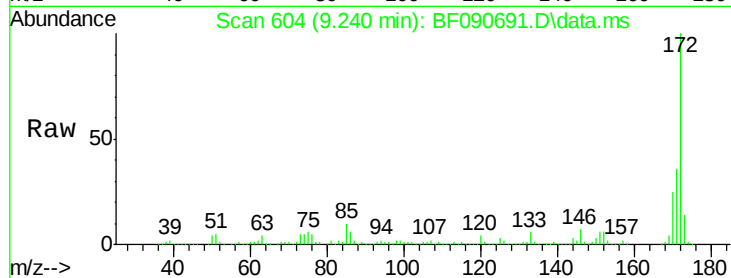




#44
2-Fluorobiphenyl
Concen: 62.55 ng
RT: 9.240 min Scan# 60
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

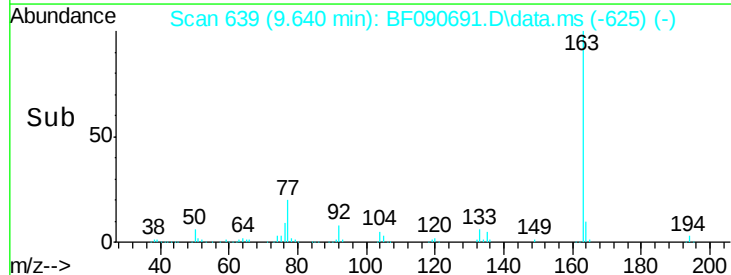
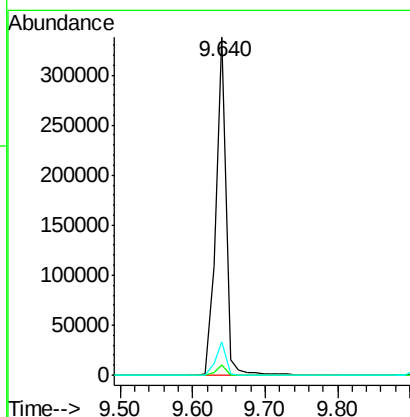
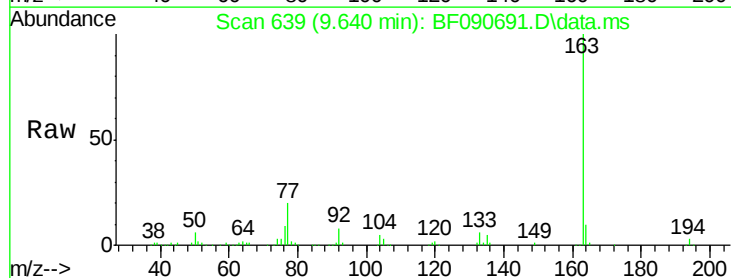
Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

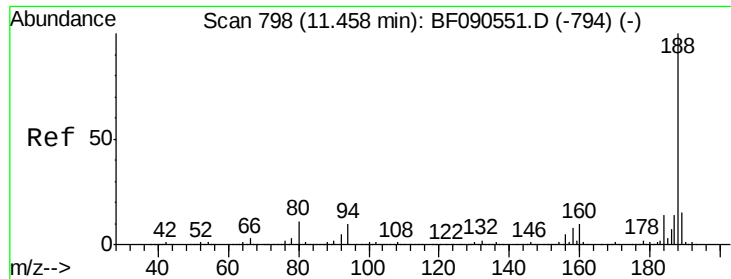
Tot Ion:172 Resp: 1051251
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 24.8 20.6 30.8



#49
Dimethylphthalate
Concen: 18.45 ng
RT: 9.640 min Scan# 639
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

Tgt Ion:163 Resp: 331528
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 9.8 8.6 13.0

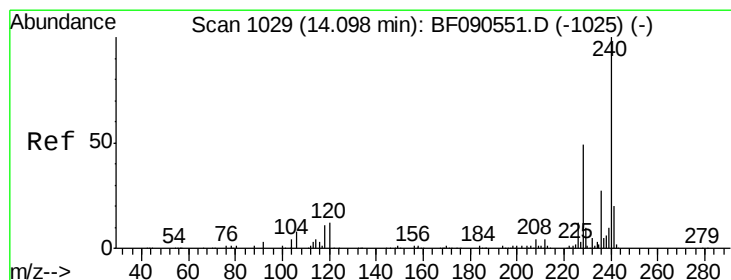
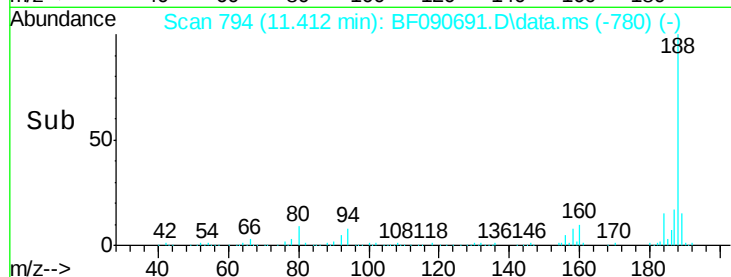
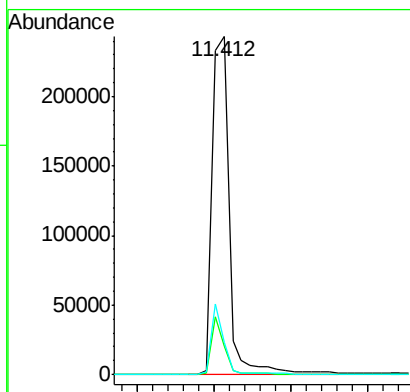
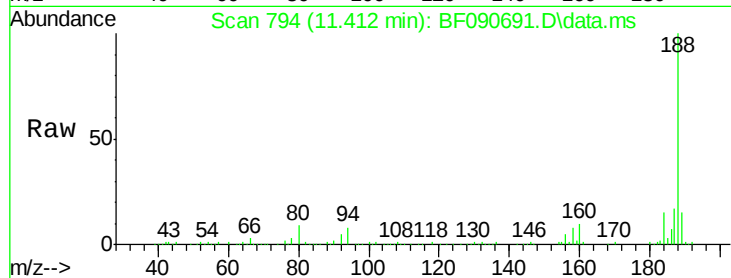




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.412 min Scan# 79
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

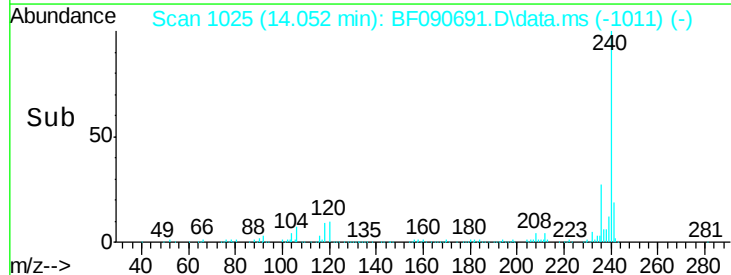
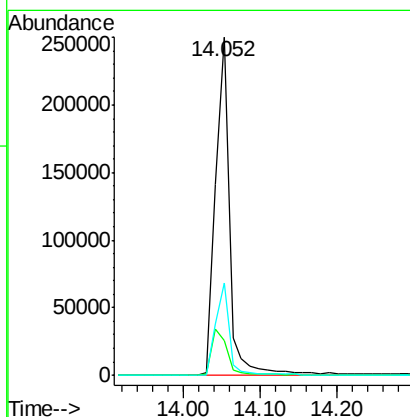
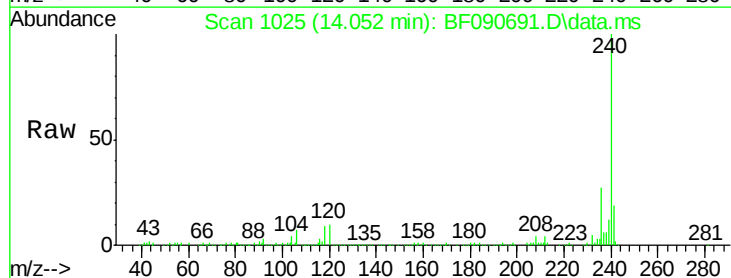
Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-14.5-15.0

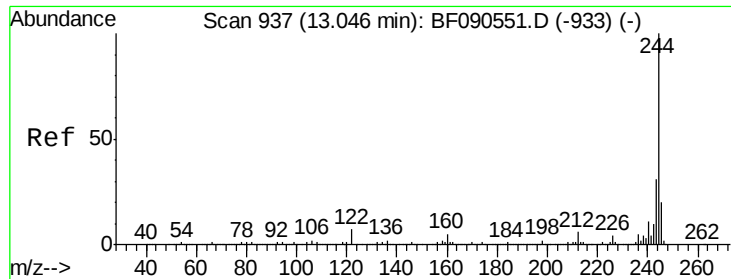
Tot Ion:188 Resp: 376349
Ion Ratio Lower Upper
188 100
94 8.3 7.7 11.5
80 9.3 8.6 12.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.052 min Scan# 1025
Delta R.T. -0.034 min
Lab File: BF090691.D
Acq: 20 Oct 2016 19:21

Tgt Ion:240 Resp: 318332
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 27.2 21.7 32.5

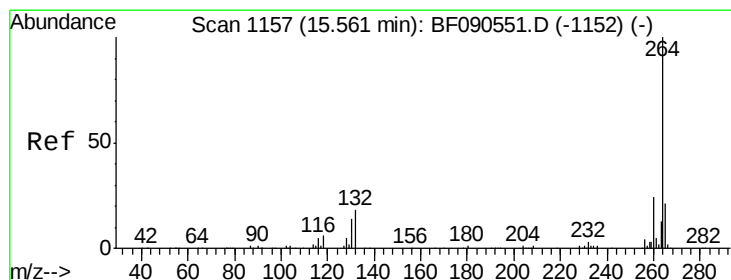
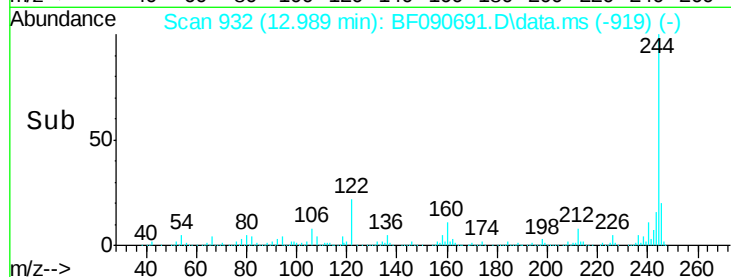
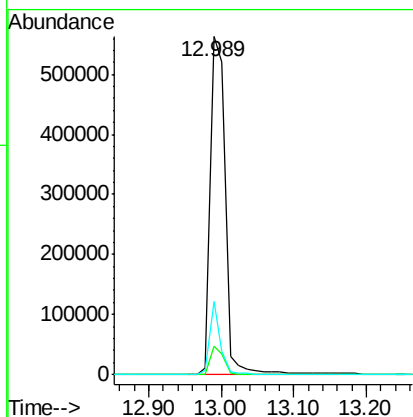
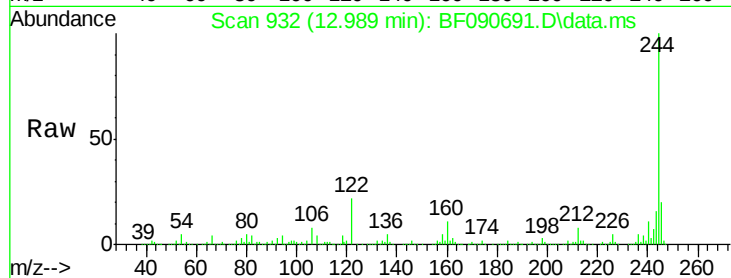




#78
 Terphenyl-d14
 Concen: 59.47 ng
 RT: 12.989 min Scan# 93
 Delta R.T. -0.046 min
 Lab File: BF090691.D
 Acq: 20 Oct 2016 19:21

Instrument :
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Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.0	7.4#
122	21.5	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: BF090691.D
 Acq: 20 Oct 2016 19:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.3	28.9
265	21.6	16.7	25.1

