

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090699.D
 Acq On : 20 Oct 2016 22:58
 Operator : UM/SJ
 Sample : H5343-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Quant Time: Oct 21 09:30:07 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

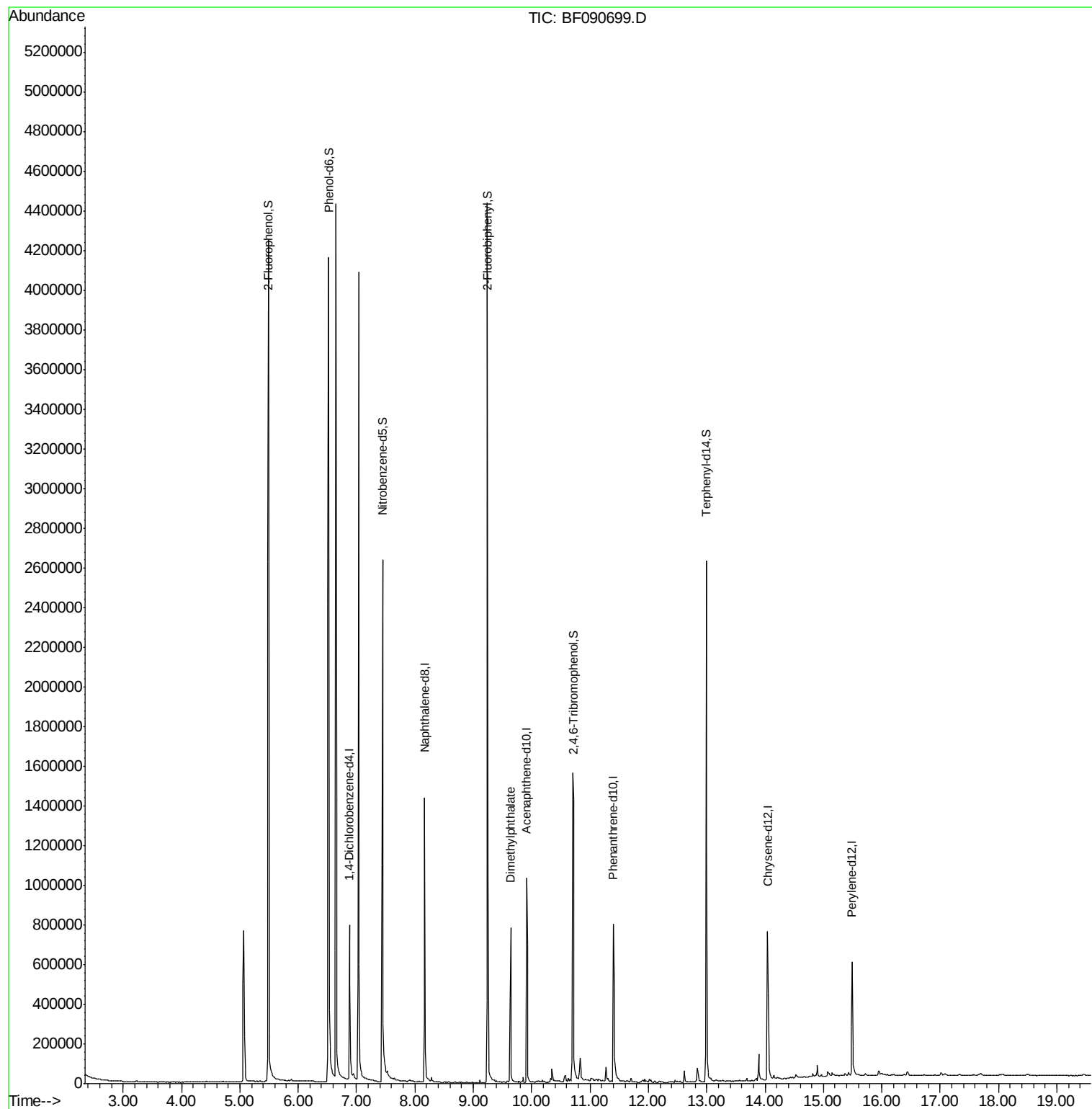
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156857	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	666577	20.00	ng	-0.03
38) Acenaphthene-d10	9.91	164	271752	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	369646	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	314103	20.00	ng	-0.05
86) Perylene-d12	15.49	264	247087	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1442263	168.56	ng	-0.02
7) Phenol-d6	6.52	99	1842865	144.95	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1130027	94.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	264508	109.18	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1346645	81.65	ng	-0.03
78) Terphenyl-d14	12.99	244	912711	67.66	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	383576	21.76	ng	97

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

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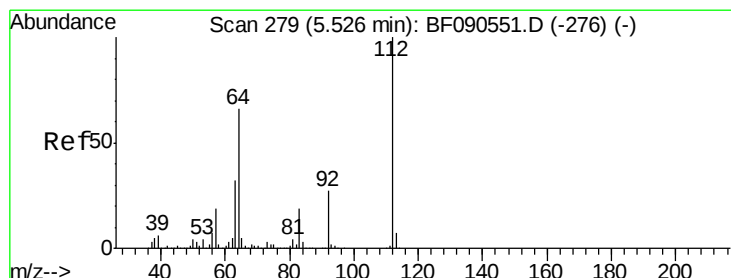
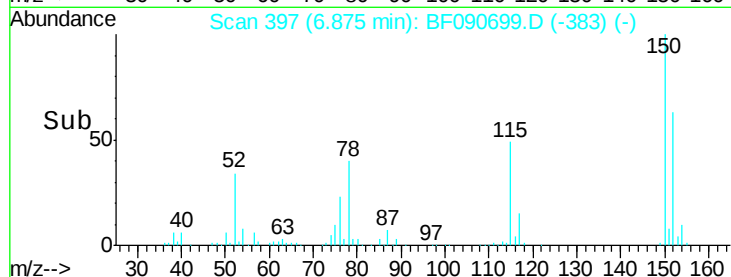
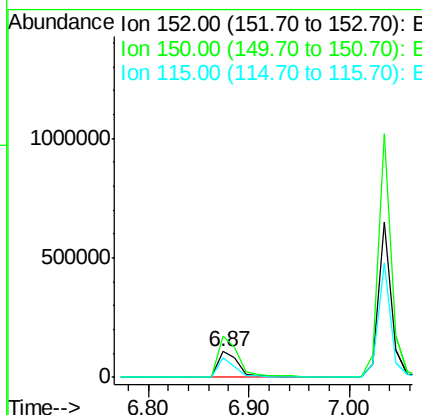
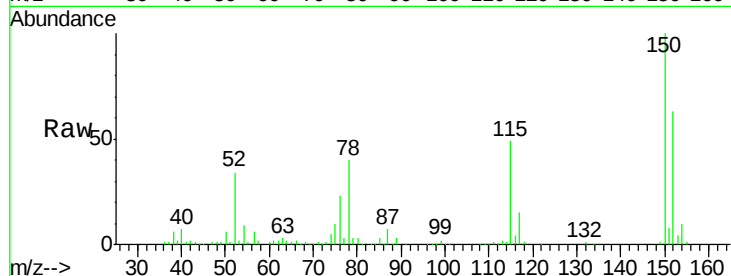


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.03 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

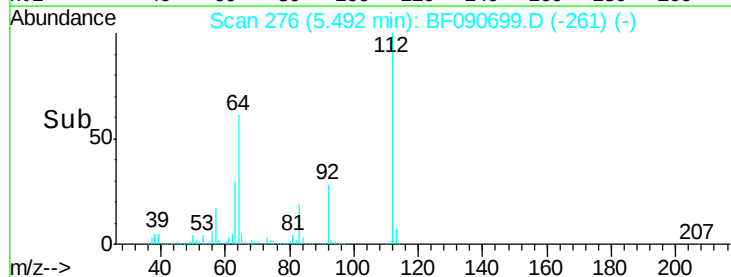
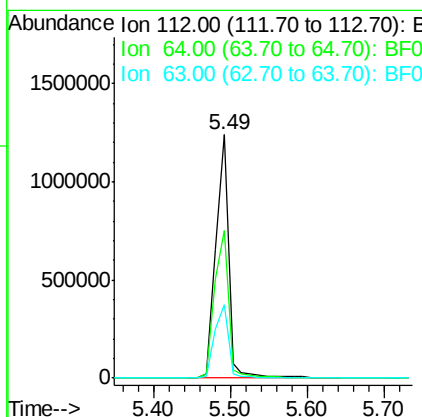
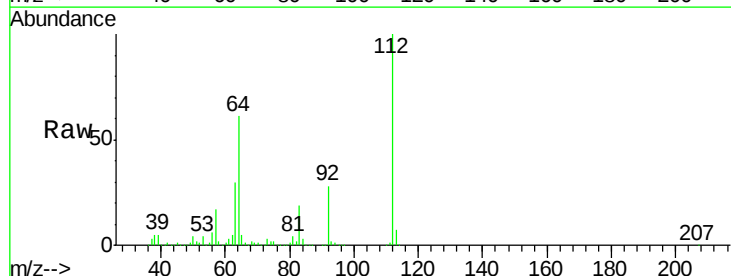
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.2	190.8
115	77.6	58.6	88.0

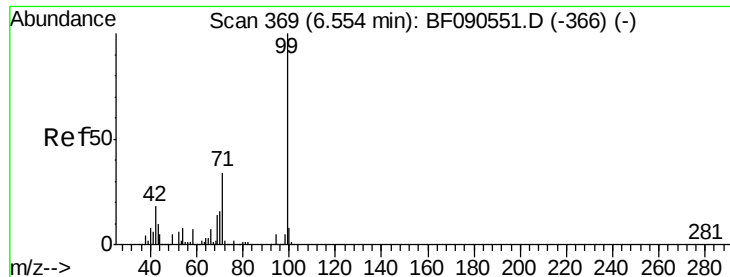


#5

2-Fluorophenol
 Concen: 168.56 ng
 RT: 5.49 min Scan# 276
 Delta R.T. -0.02 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	52.6	78.8
63	30.1	26.0	39.0





#7

Phenol-d6

Concen: 144.95 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

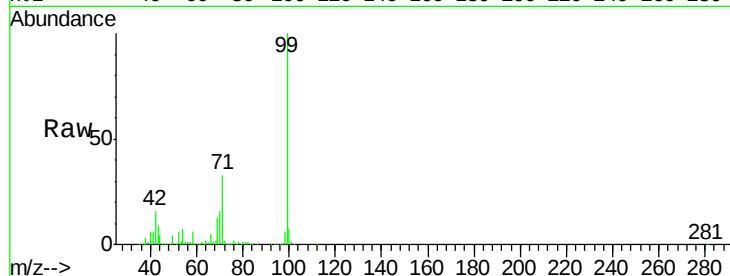
Tot Ion: 99 Resp: 1842865

Ion Ratio Lower Upper

99 100

42 16.1 14.7 22.1

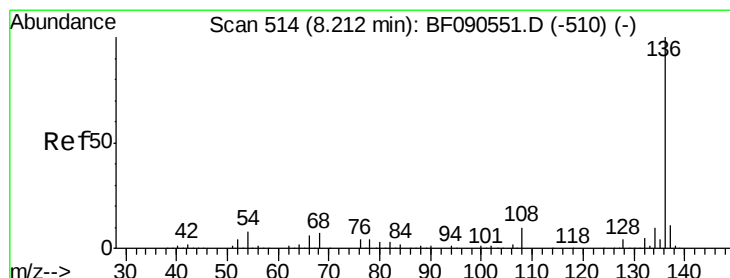
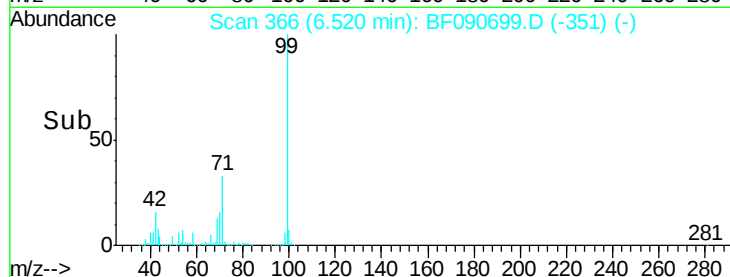
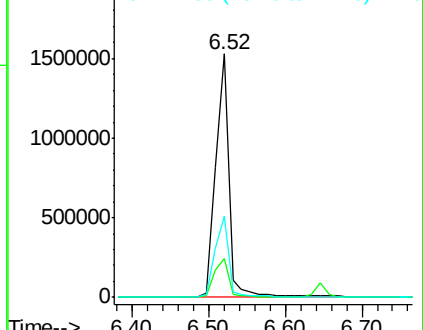
71 33.4 27.6 41.4



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: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Tgt Ion: 136 Resp: 666577

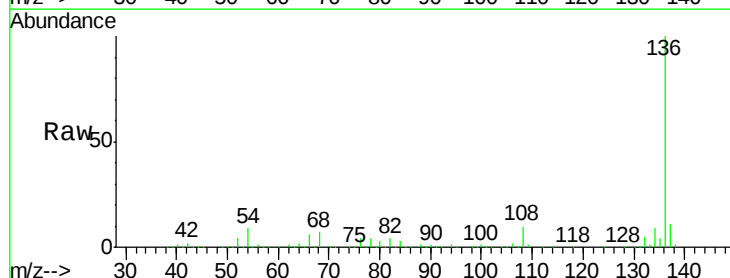
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.5 6.8 10.2

68 7.3 6.0 9.0

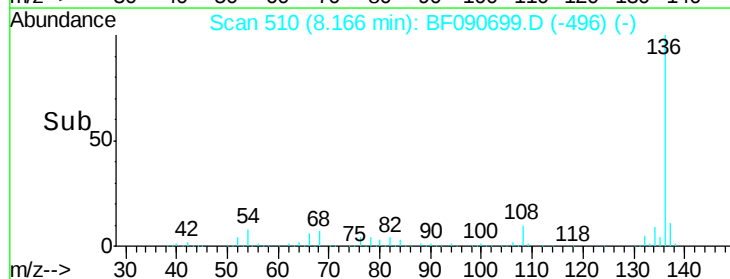
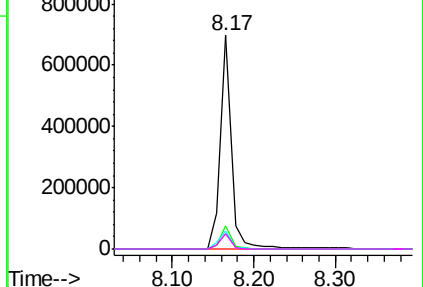


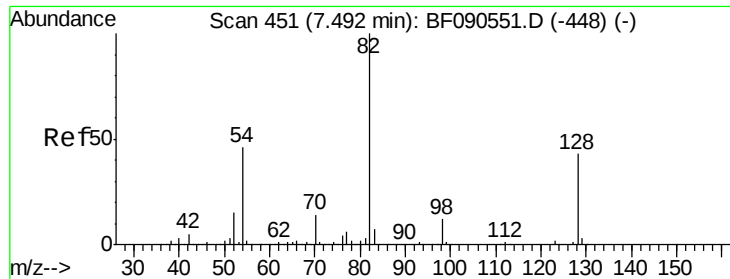
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.17 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

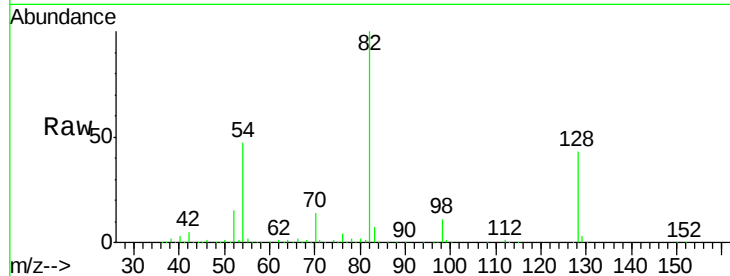
Tot Ion: 82 Resp: 1130027

Ion Ratio Lower Upper

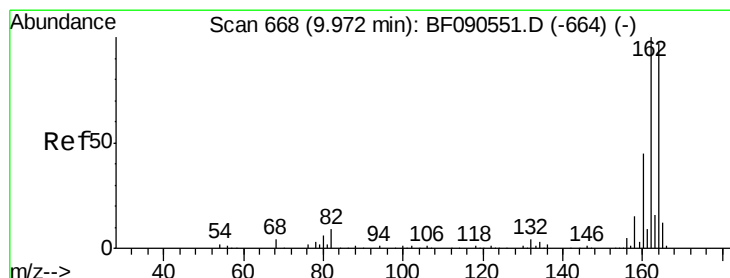
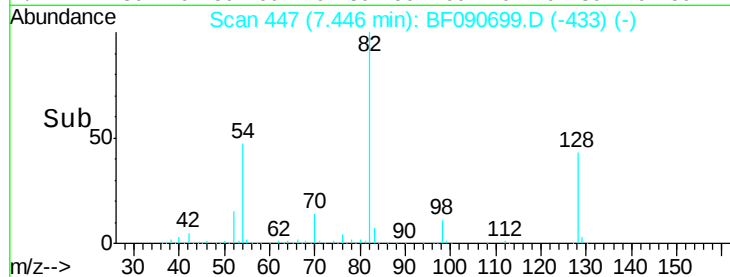
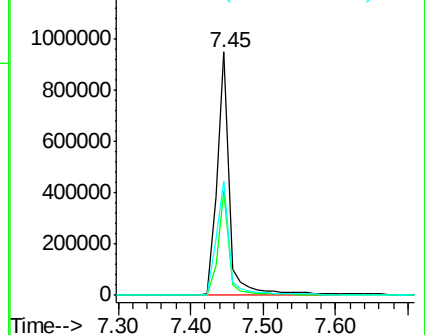
82 100

128 42.8 34.3 51.5

54 47.2 37.0 55.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

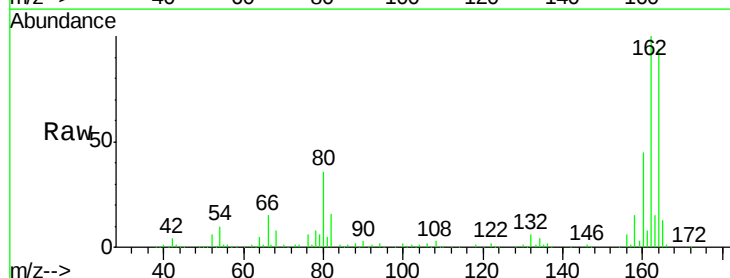
Tgt Ion:164 Resp: 271752

Ion Ratio Lower Upper

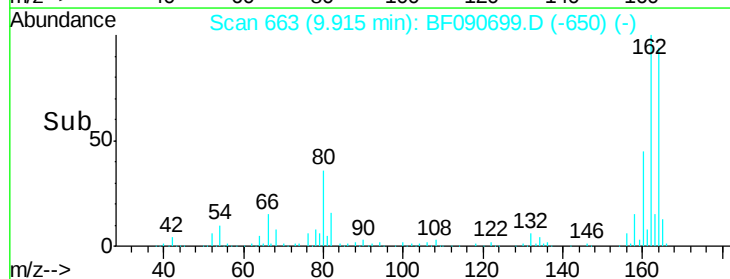
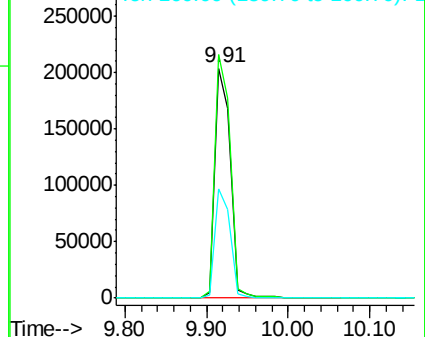
164 100

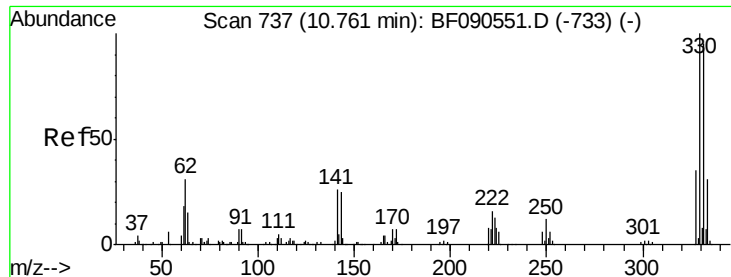
162 105.9 82.2 123.4

160 47.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

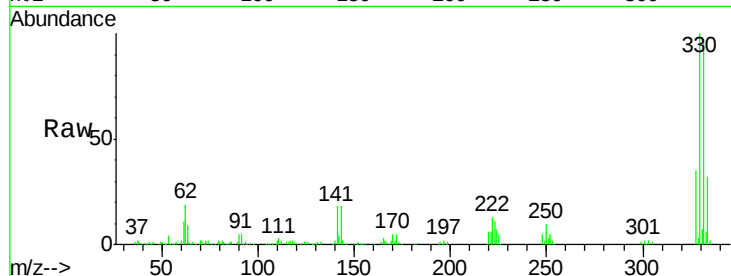




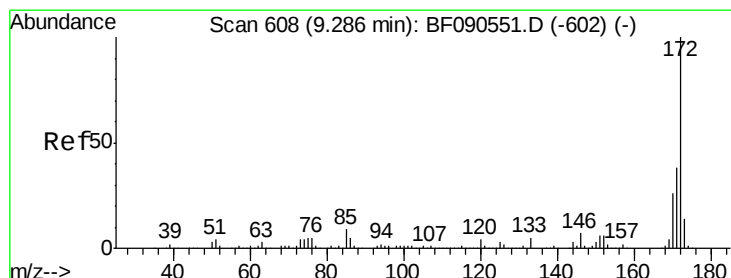
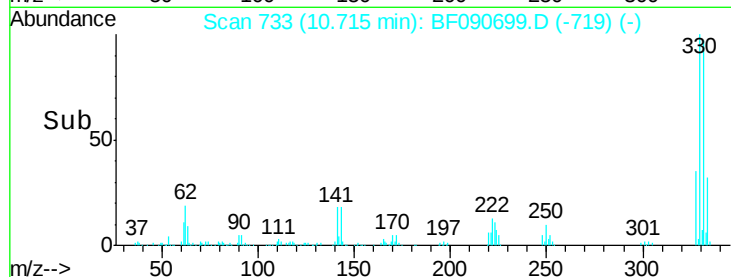
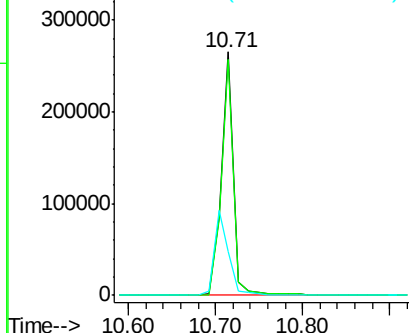
#41
 2,4,6-Tribromophenol
 Concen: 109.18 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB06-16.5-17.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.2
141	41.1	31.4	47.2

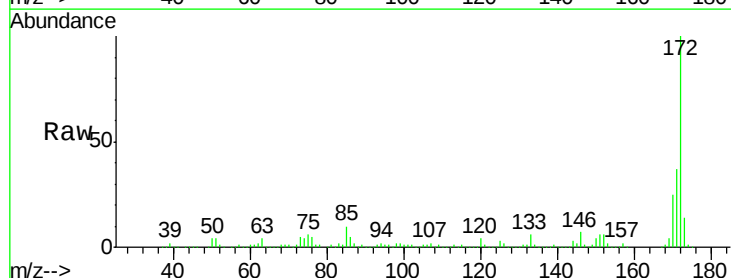


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

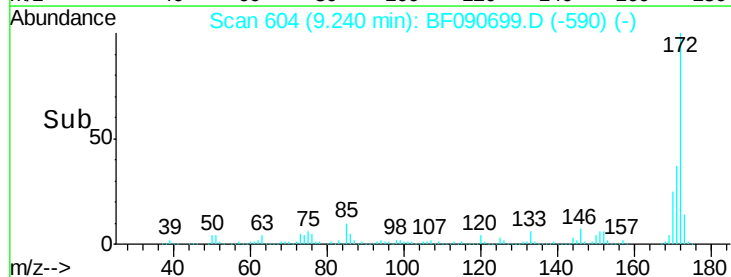
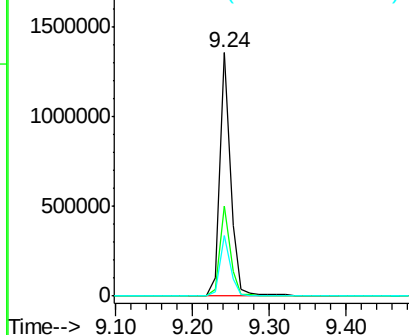


#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090699.D
 Acq: 20 Oct 2016 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.1	45.1
170	24.9	20.6	30.8



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: 21.76 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

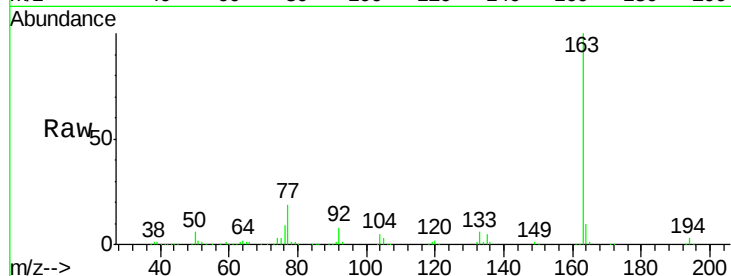
Tot Ion:163 Resp: 383576

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

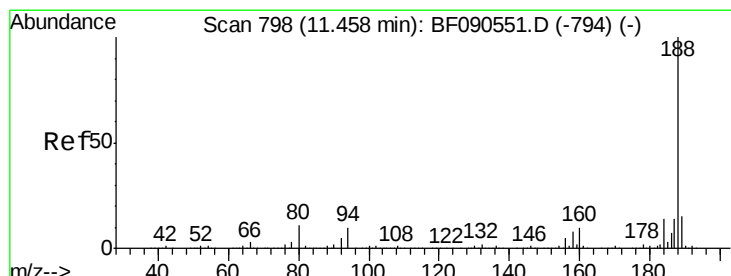
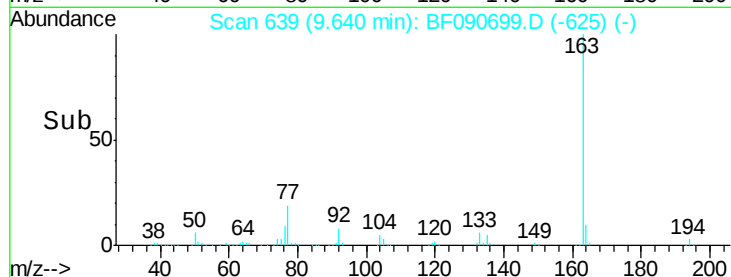
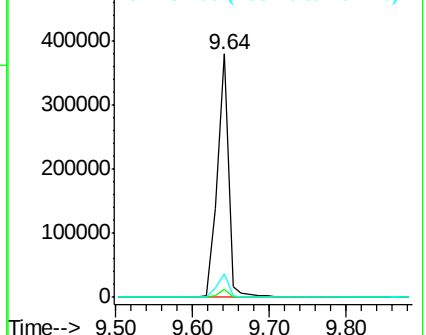
164 9.5 8.6 13.0



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: 11.40 min Scan# 793

Delta R.T. -0.05 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

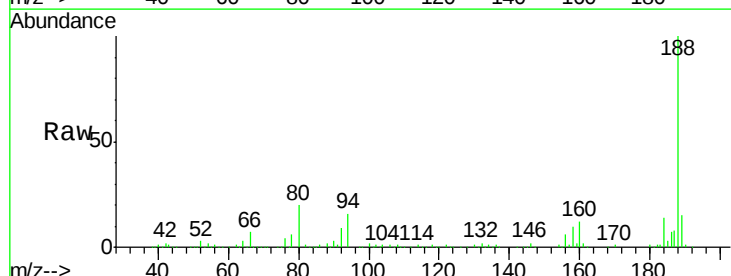
Tgt Ion:188 Resp: 369646

Ion Ratio Lower Upper

188 100

94 16.5 7.7 11.5#

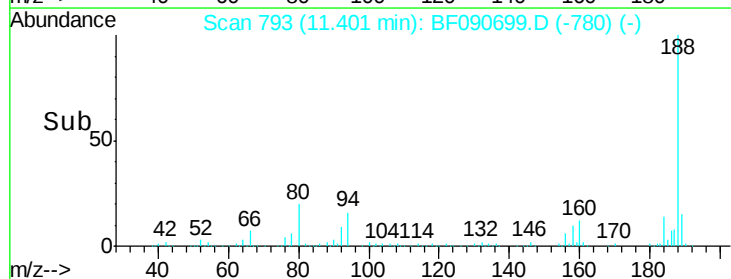
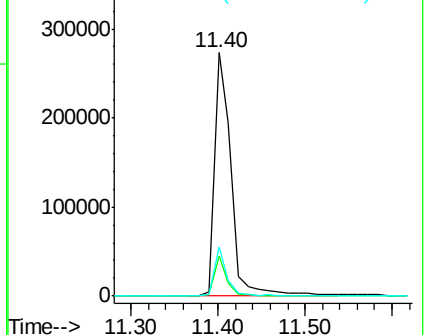
80 20.3 8.6 12.8#

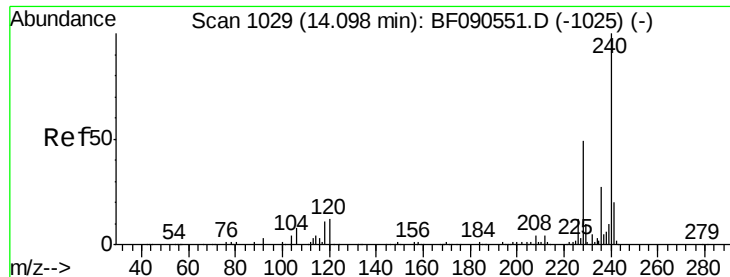


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

Instrument :

BNA_F

ClientSampleId :

RMAB-SB06-16.5-17.0

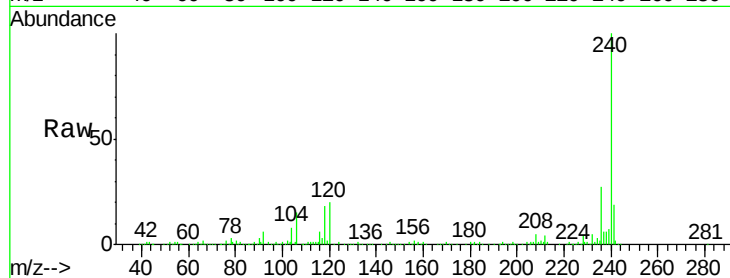
Tot Ion:240 Resp: 314103

Ion Ratio Lower Upper

240 100

120 20.2 9.8 14.8#

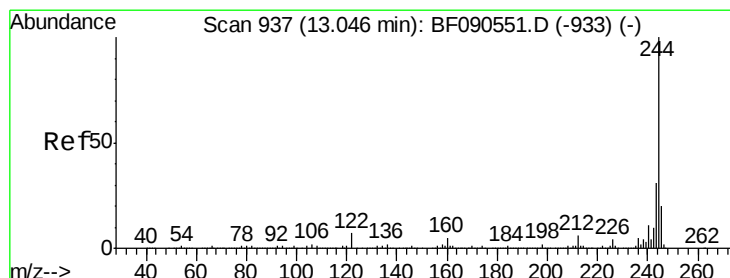
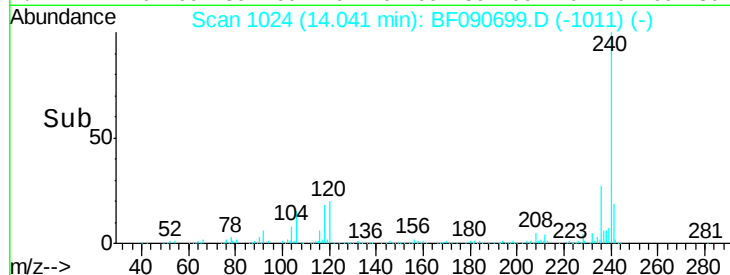
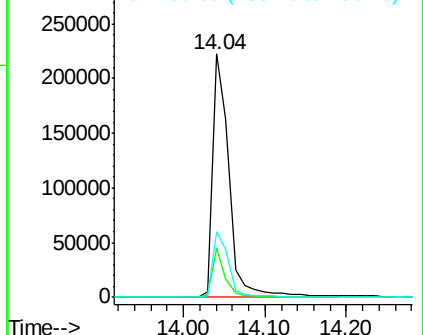
236 27.0 21.7 32.5



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: 67.66 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF090699.D

Acq: 20 Oct 2016 22:58

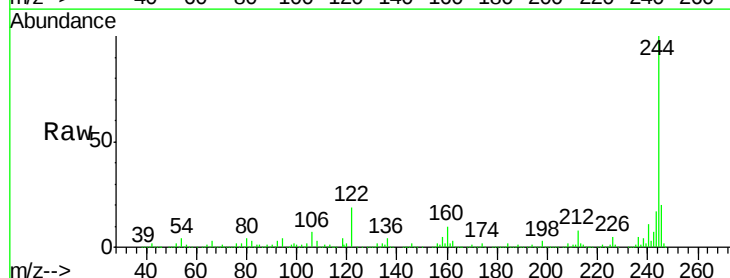
Tgt Ion:244 Resp: 912711

Ion Ratio Lower Upper

244 100

212 8.1 5.0 7.4#

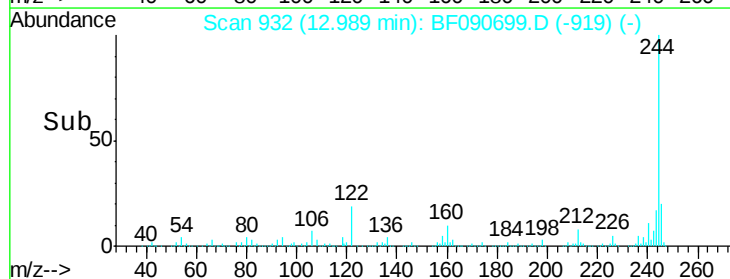
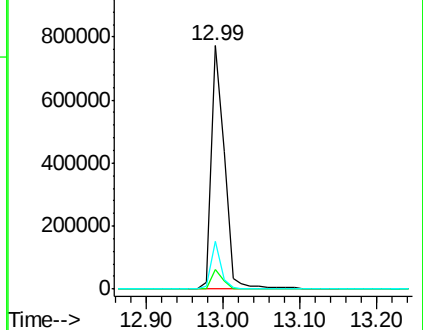
122 19.4 5.6 8.4#

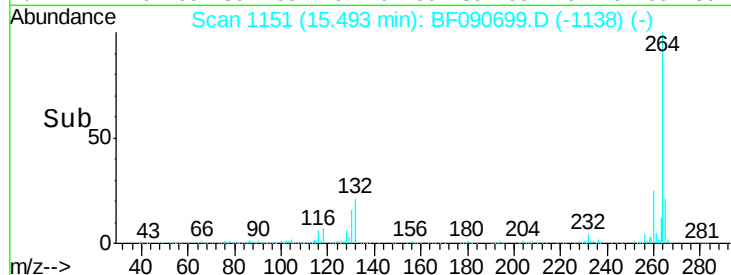
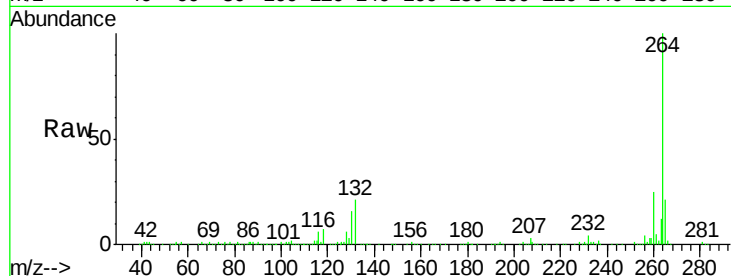
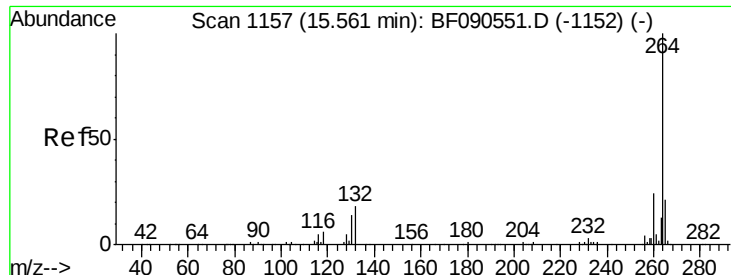


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF090699.D
Acq: 20 Oct 2016 22:58

Instrument :
BNA_F
ClientSampleId :
RMAB-SB06-16.5-17.0

Tot Ion:	264	Resp:	247087
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.4	16.7	25.1

