

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090773.D
 Acq On : 22 Oct 2016 20:11
 Operator : UM/SJ
 Sample : H5343-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

Quant Time: Oct 24 03:17:24 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

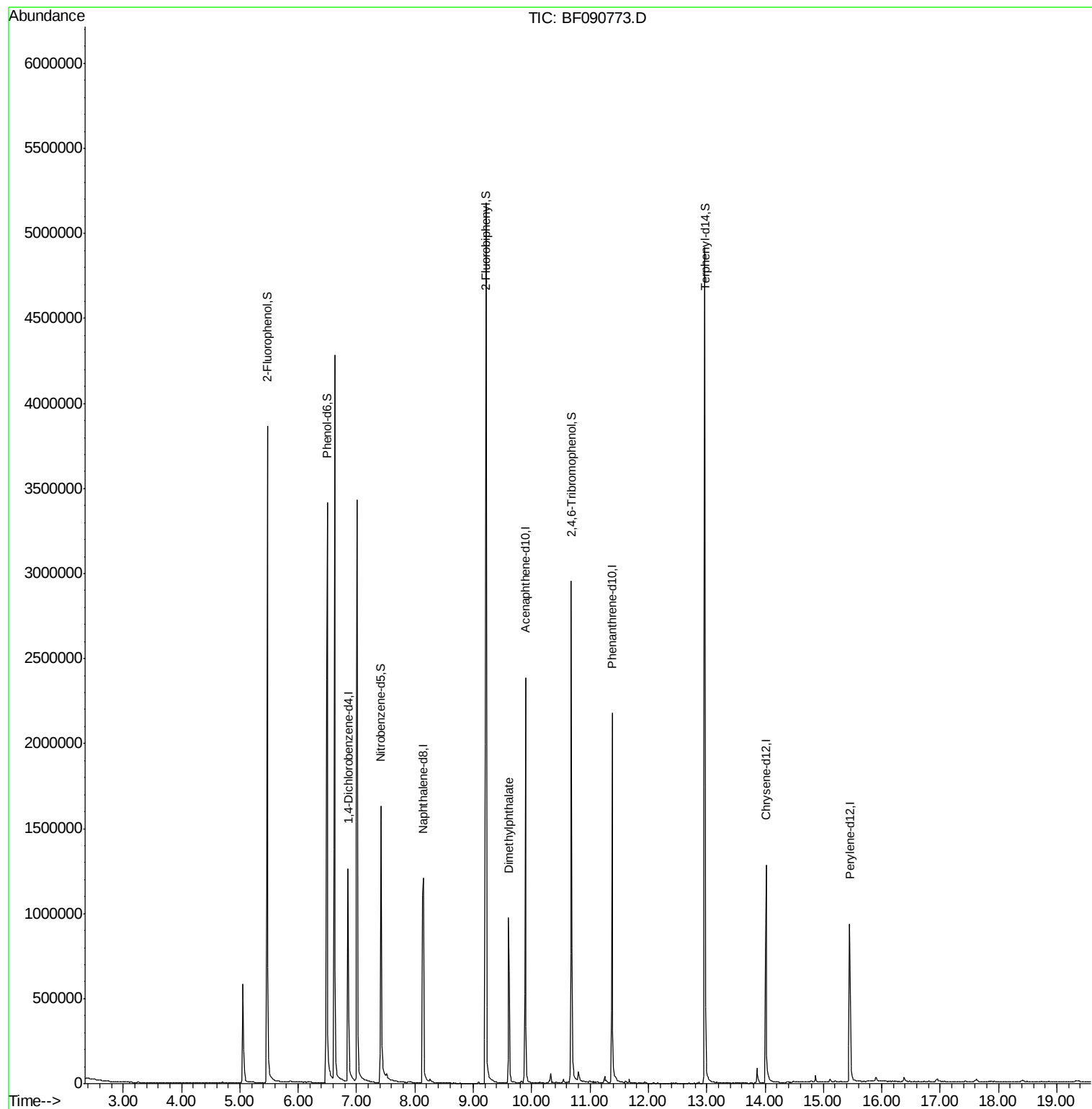
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	236946	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	984969	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533517	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	894128	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	635022	20.00	ng	0.00
86) Perylene-d12	15.45	264	463881	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1260851	85.82	ng	0.01
7) Phenol-d6	6.50	99	1842685	92.60	ng	0.00
23) Nitrobenzene-d5	7.41	82	1059578	59.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	458421	108.56	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1930394	56.17	ng	-0.01
78) Terphenyl-d14	12.97	244	1757428	63.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	606097	18.08	ng	Qvalue # 97

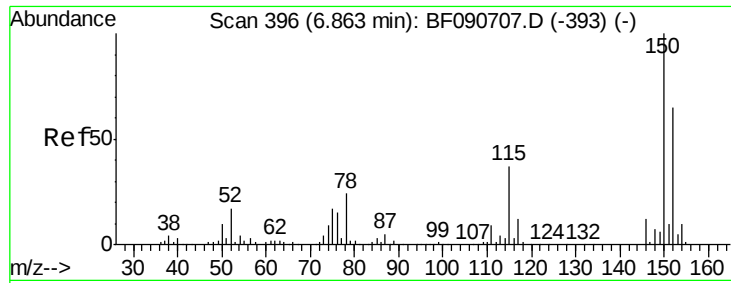
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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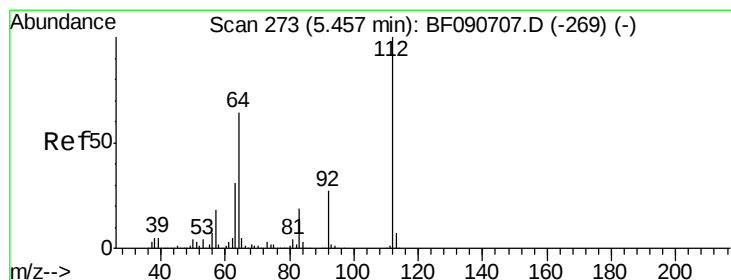
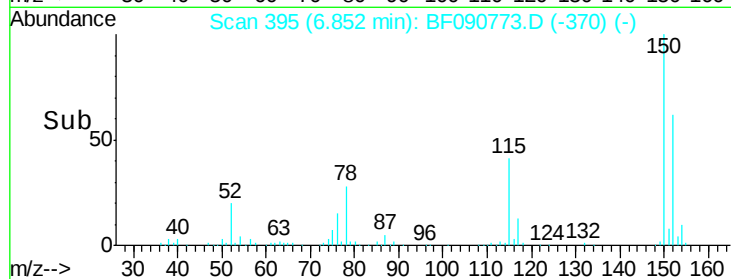
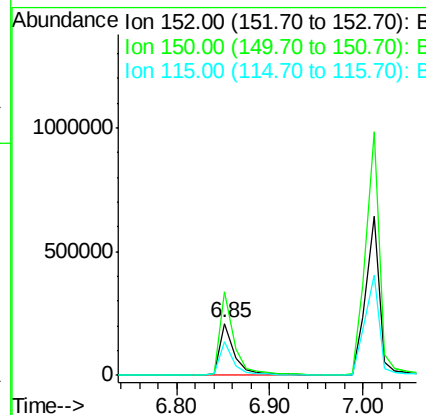
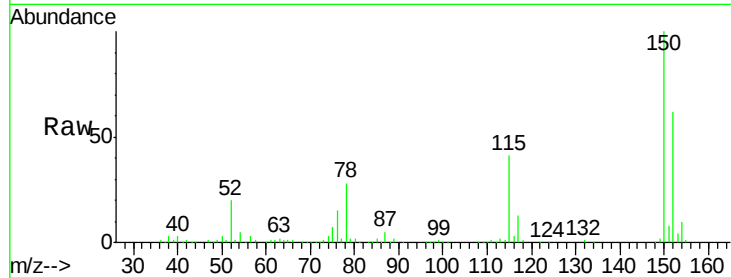


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-17.5-18.0

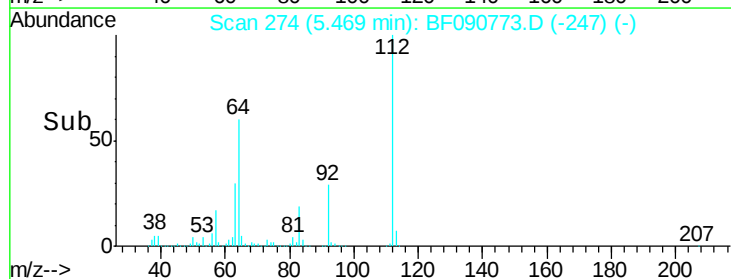
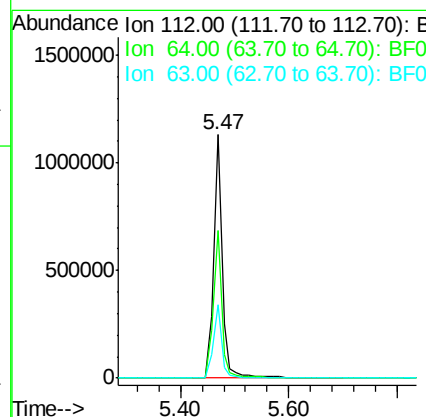
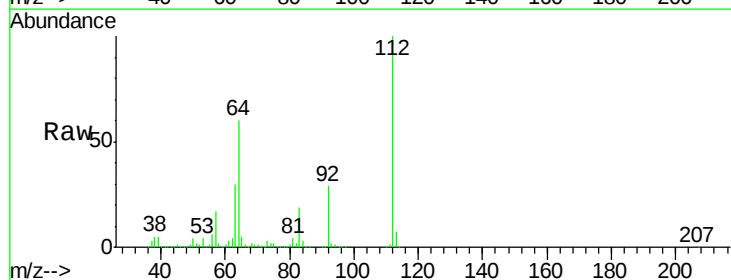
Tot Ion:152 Resp: 236946
Ion Ratio Lower Upper
152 100
150 160.3 124.7 187.1
115 65.1 39.0 58.4#

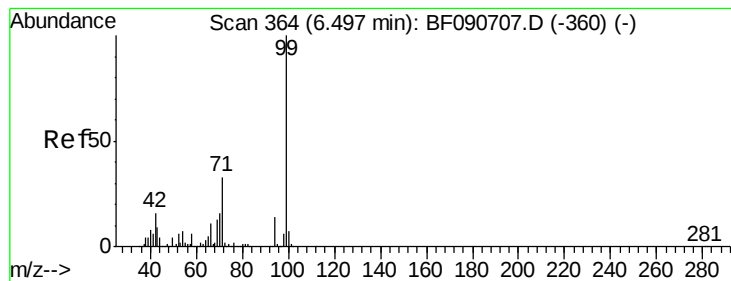


#5

2-Fluorophenol
Concen: 85.82 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

Tgt Ion:112 Resp: 1260851
Ion Ratio Lower Upper
112 100
64 60.4 39.7 59.5#
63 29.9 17.4 26.0#





#7

Phenol-d6

Concen: 92.60 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090773.D

Acq: 22 Oct 2016 20:11

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-17.5-18.0

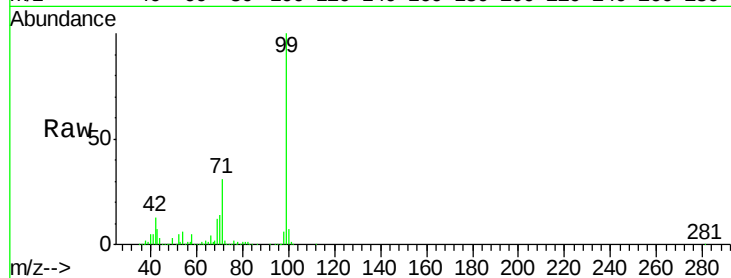
Tot Ion: 99 Resp: 1842685

Ion Ratio Lower Upper

99 100

42 12.9 13.7 20.5#

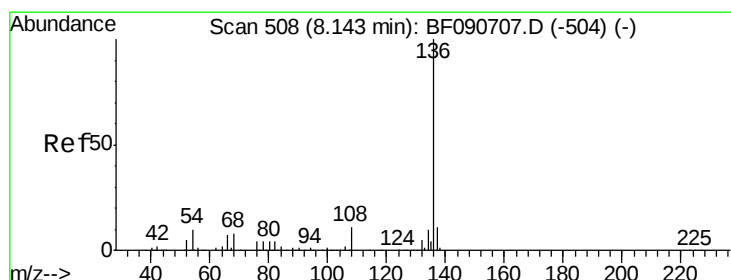
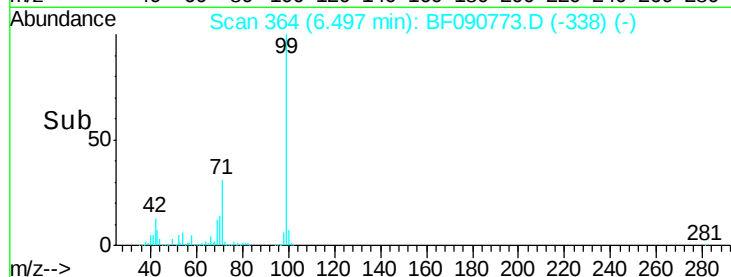
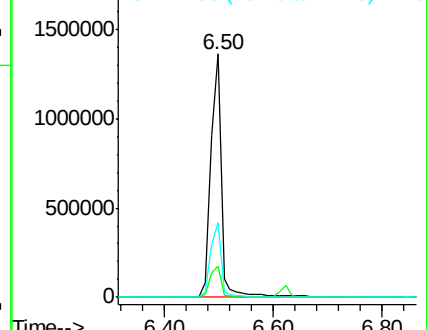
71 30.8 14.2 21.2#



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: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090773.D

Acq: 22 Oct 2016 20:11

Tgt Ion: 136 Resp: 984969

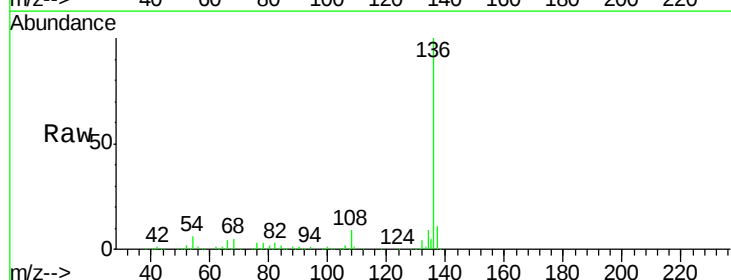
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 5.7 8.2 12.2#

68 5.2 5.8 8.6#

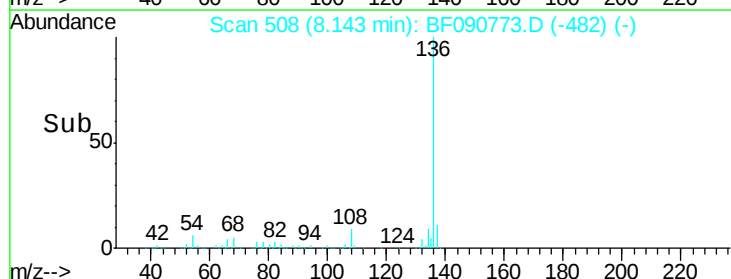
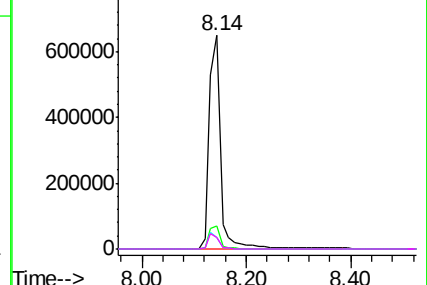


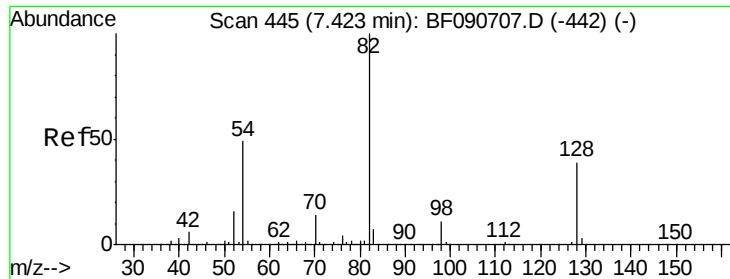
Abundance Ion 136.00 (135.70 to 136.70): E

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

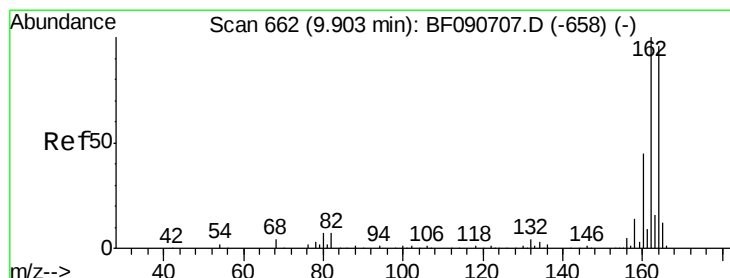
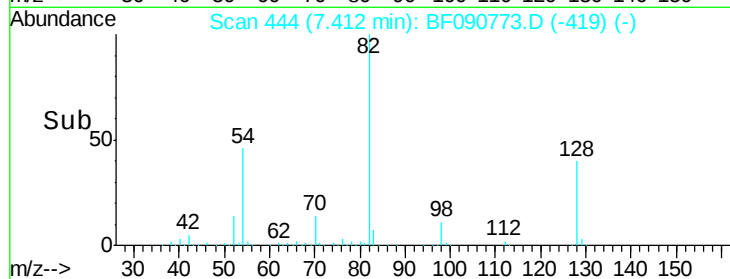
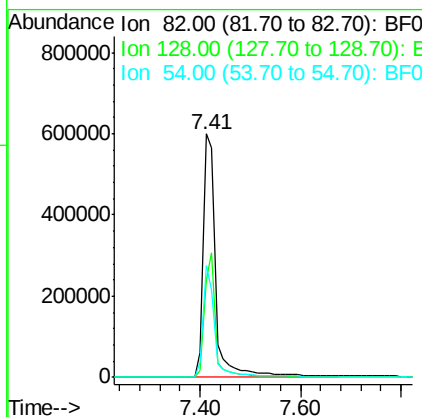
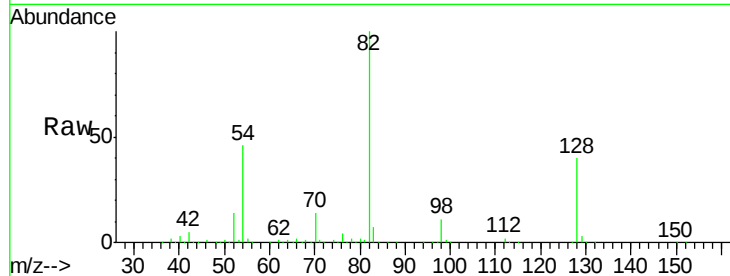




#23
Nitrobenzene-d5
Concen: 59.00 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

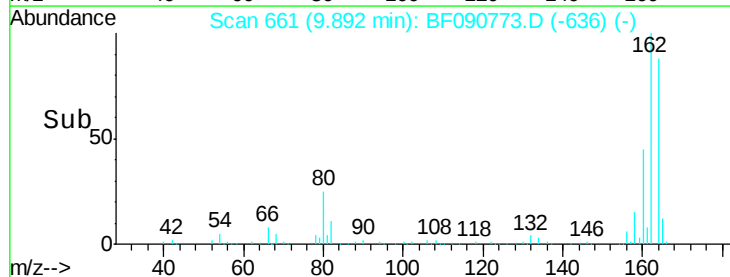
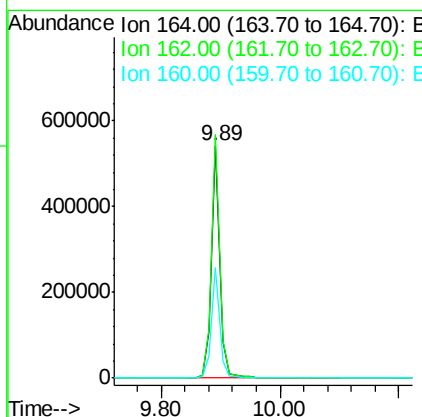
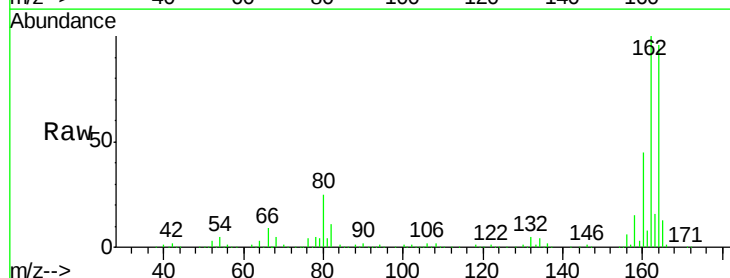
Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-17.5-18.0

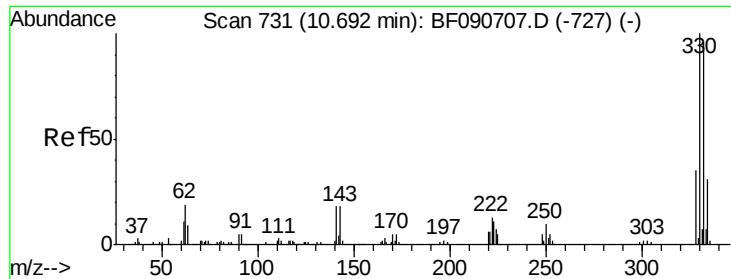
Tot Ion: 82 Resp: 1059578
Ion Ratio Lower Upper
82 100
128 40.3 51.0 76.6#
54 46.0 47.5 71.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

Tgt Ion: 164 Resp: 533517
Ion Ratio Lower Upper
164 100
162 104.7 75.2 112.8
160 47.4 31.5 47.3#

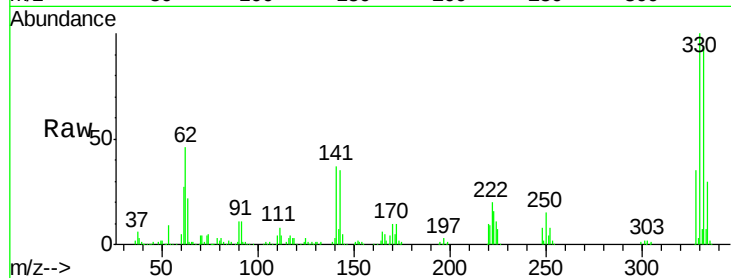




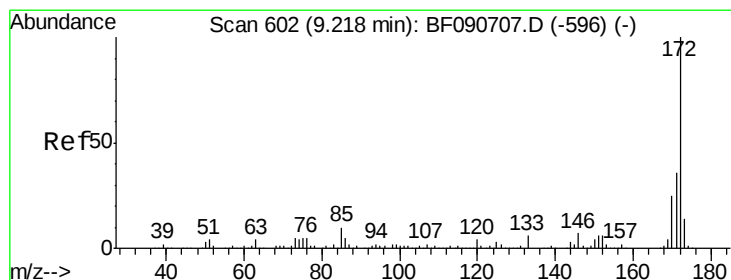
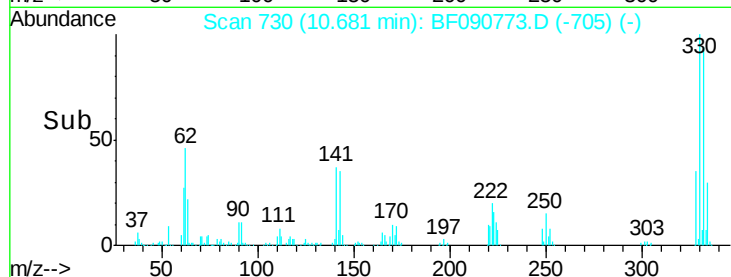
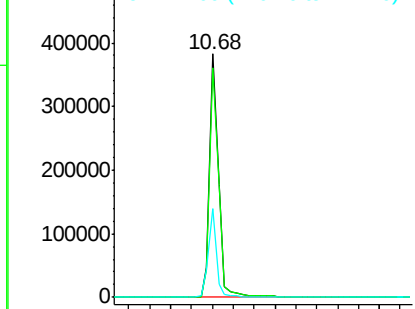
#41
 2,4,6-Tribromophenol
 Concen: 108.56 ng
 RT: 10.68 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF090773.D
 Acq: 22 Oct 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

Tot Ion:330 Resp: 458421
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 33.9 29.7 44.5

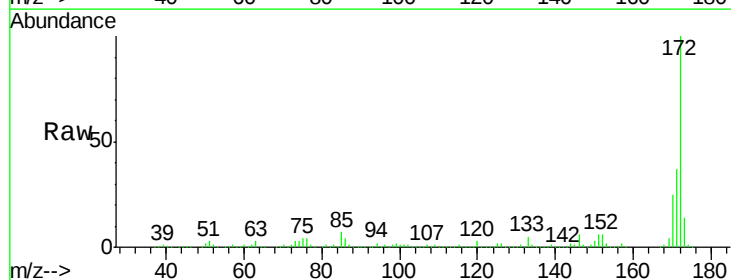


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

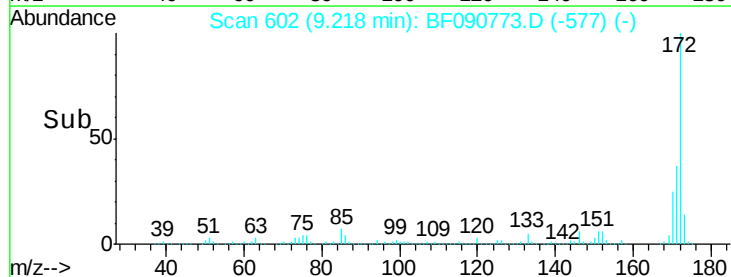
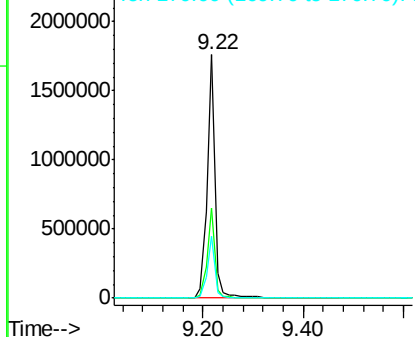


#44
 2-Fluorobiphenyl
 Concen: 56.17 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090773.D
 Acq: 22 Oct 2016 20:11

Tgt Ion:172 Resp: 1930394
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.3 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

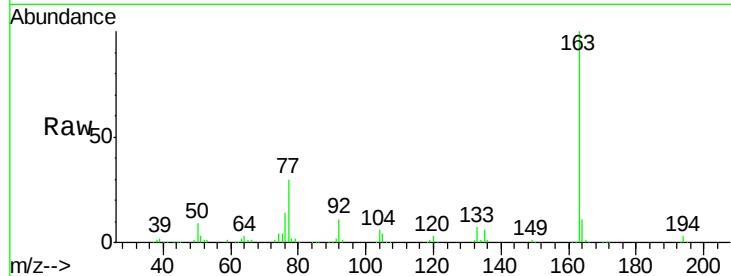




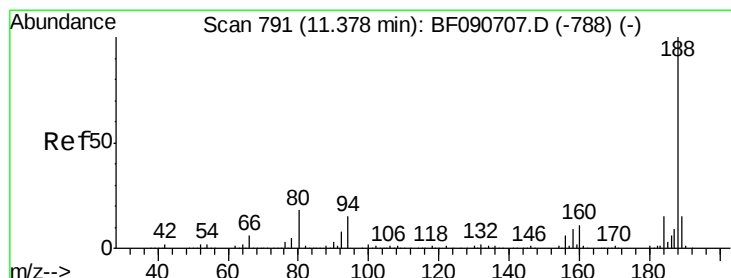
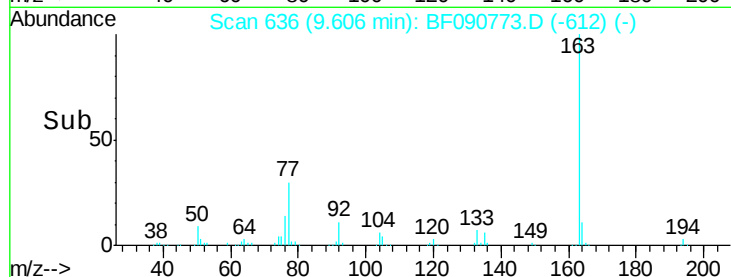
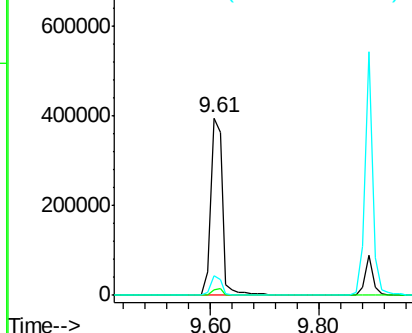
#49
Dimethylphthalate
Concen: 18.08 ng
RT: 9.61 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

Instrument :
BNA_F
ClientSampleId :
RMAB-SB02-17.5-18.0

Tot Ion:163 Resp: 606097
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.7 8.3 12.5

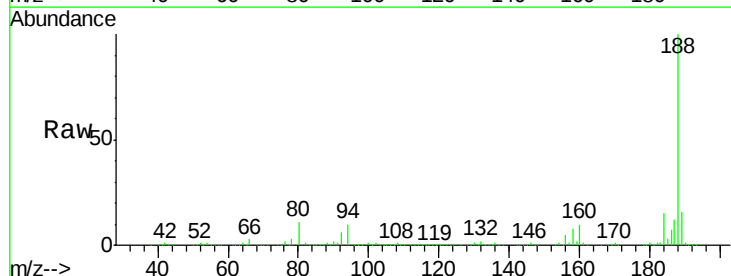


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

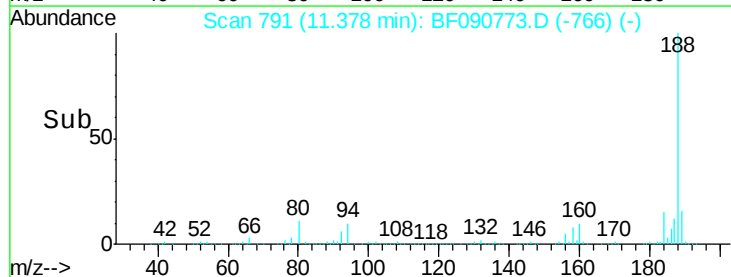
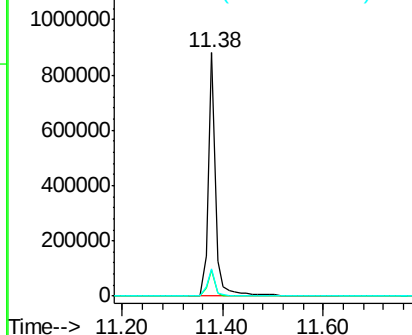


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090773.D
Acq: 22 Oct 2016 20:11

Tgt Ion:188 Resp: 894128
Ion Ratio Lower Upper
188 100
94 10.4 11.1 16.7#
80 11.3 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: BF090773.D

Acq: 22 Oct 2016 20:11

Instrument :

BNA_F

ClientSampleId :

RMAB-SB02-17.5-18.0

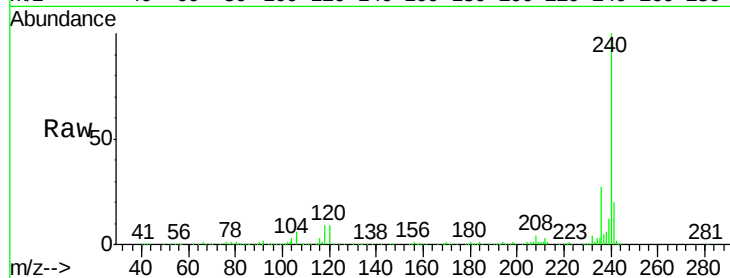
Tot Ion:240 Resp: 635022

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

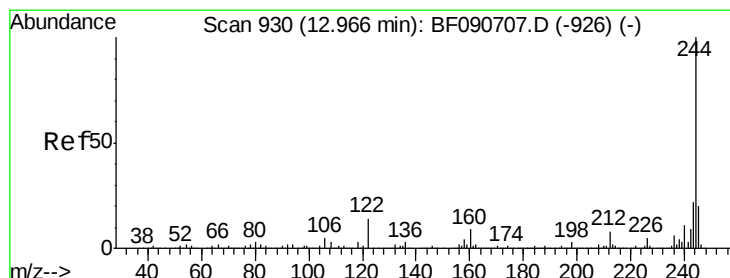
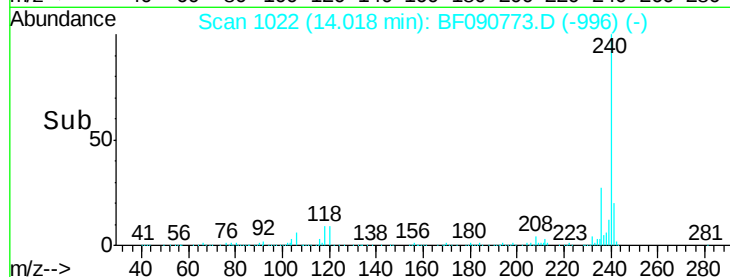
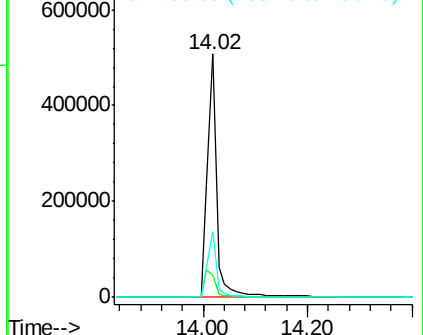
236 26.7 18.4 27.6



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: 63.43 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090773.D

Acq: 22 Oct 2016 20:11

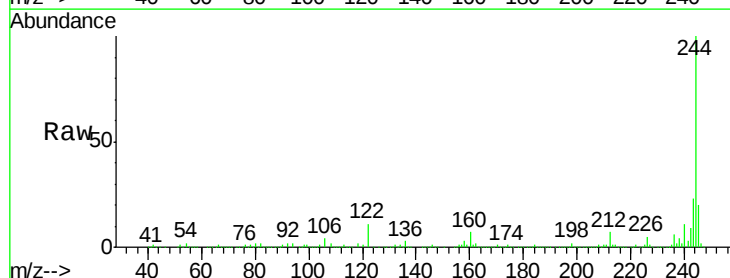
Tgt Ion:244 Resp: 1757428

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

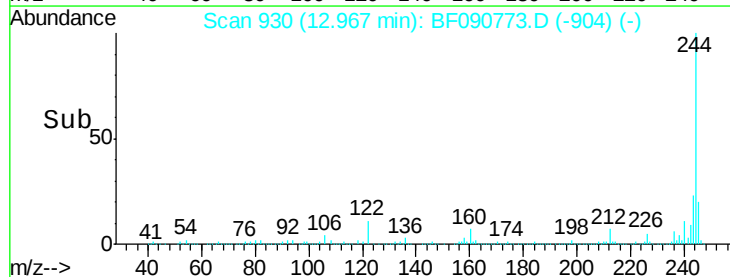
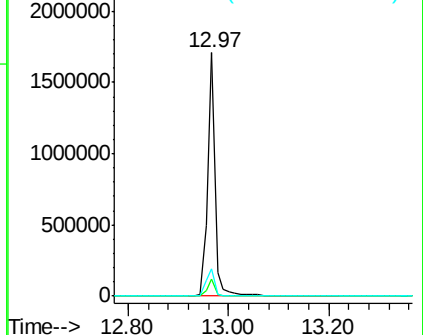
122 11.5 17.4 26.2#

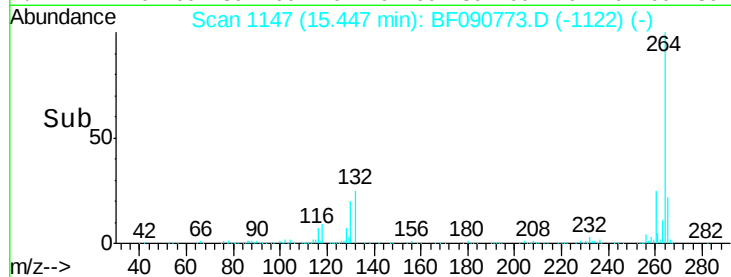
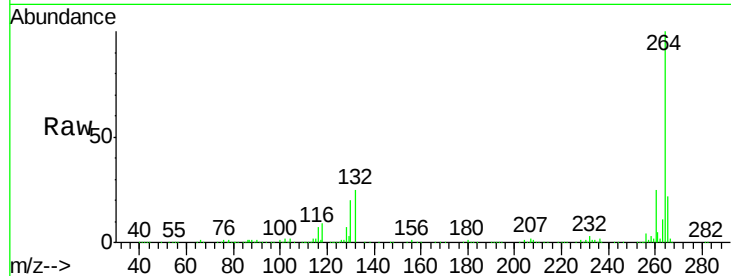
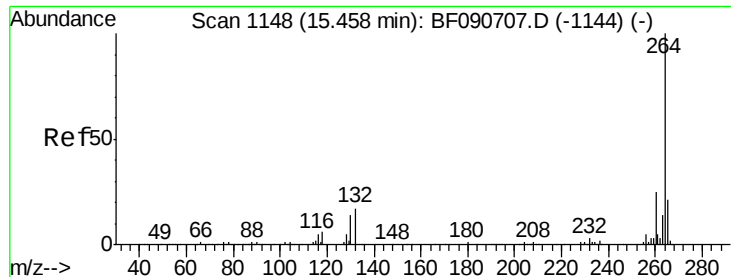


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090773.D
 Acq: 22 Oct 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB02-17.5-18.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	16.7	25.1#
265	22.5	17.2	25.8

