

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086096.D
 Acq On : 6 Apr 2016 14:06
 Operator : UM/SJ
 Sample : H2248-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMHDGA005

Quant Time: Apr 07 01:39:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

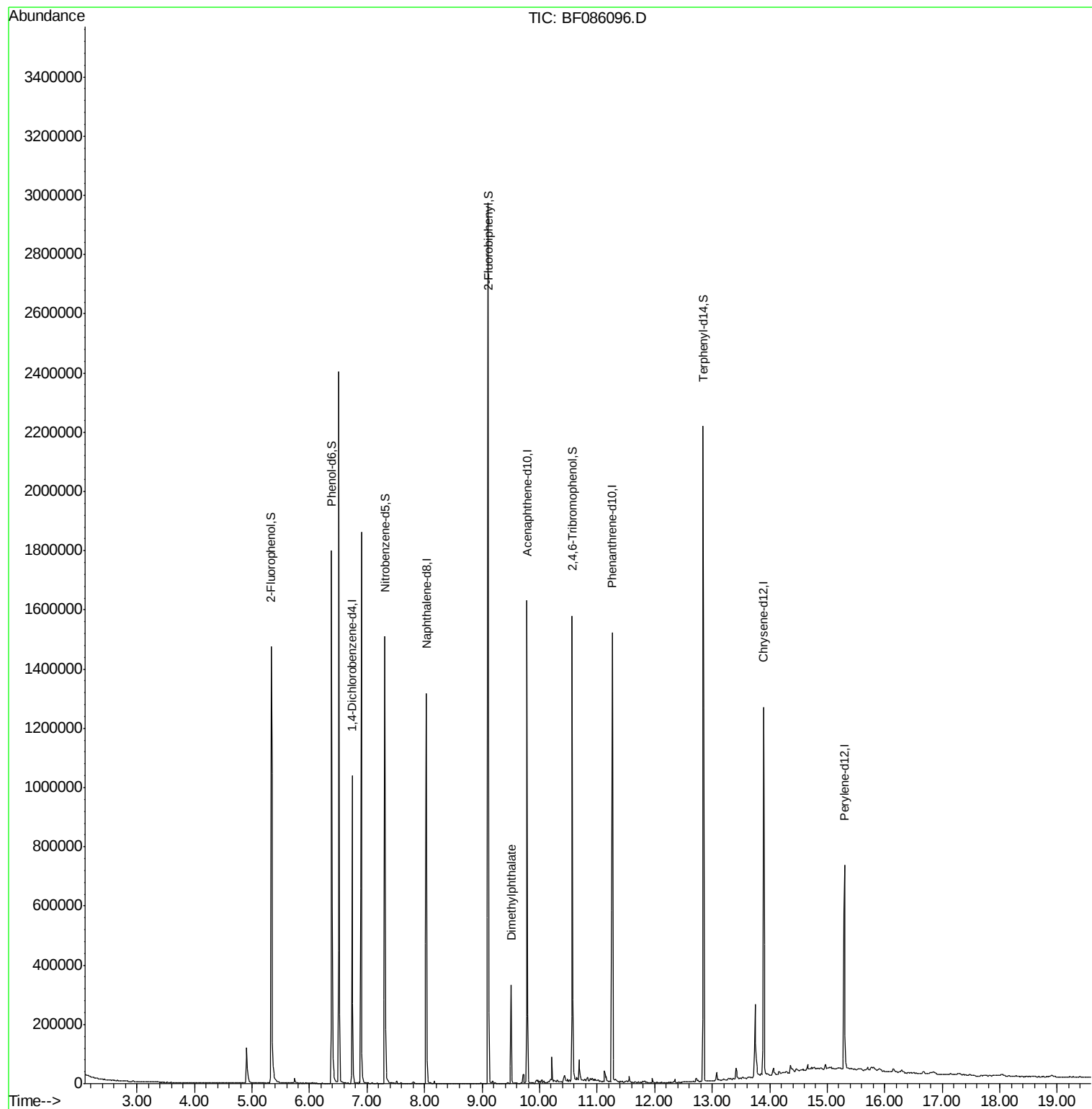
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160380	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	662127	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	306202	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	600383	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	440155	20.00	ng	-0.03
86) Perylene-d12	15.30	264	342290	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	620148	66.09	ng	-0.03
7) Phenol-d6	6.38	99	753866	63.25	ng	-0.03
23) Nitrobenzene-d5	7.31	82	511230	45.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	174739	60.80	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	876731	47.61	ng	-0.03
78) Terphenyl-d14	12.84	244	860333	45.95	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.50	163	131523	5.80	ng	Qvalue 99

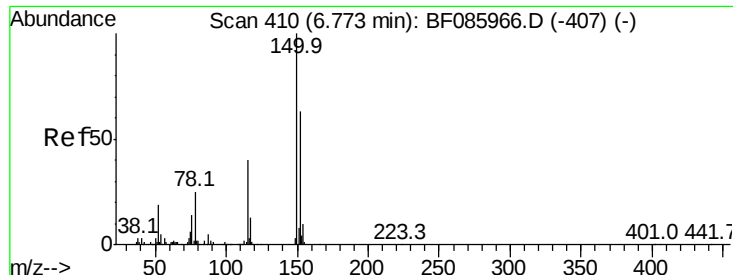
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

Instrument :

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ClientSampleId :

TILCONMHDGA005

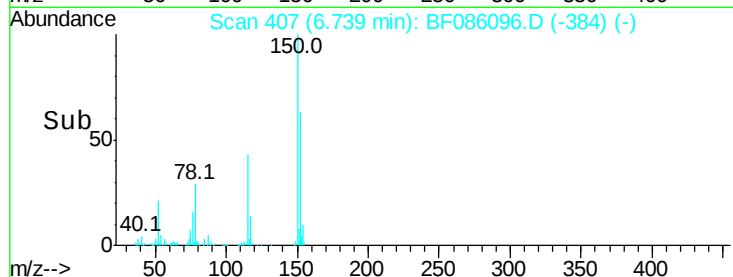
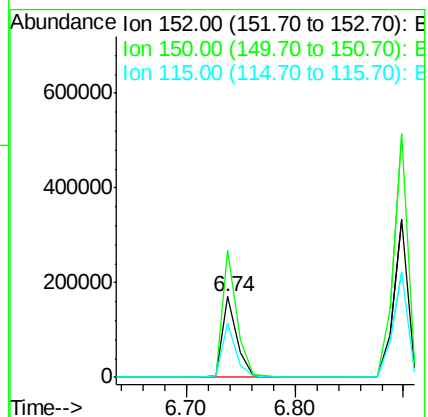
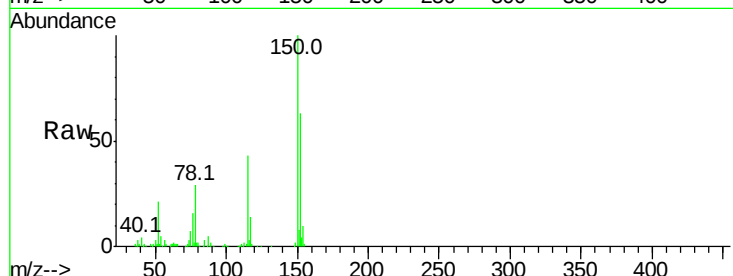
Tot Ion:152 Resp: 160380

Ion Ratio Lower Upper

152 100

150 158.1 124.2 186.2

115 67.4 47.0 70.6



#5

2-Fluorophenol

Concen: 66.09 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

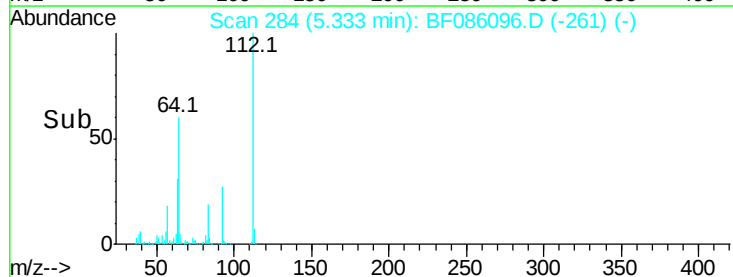
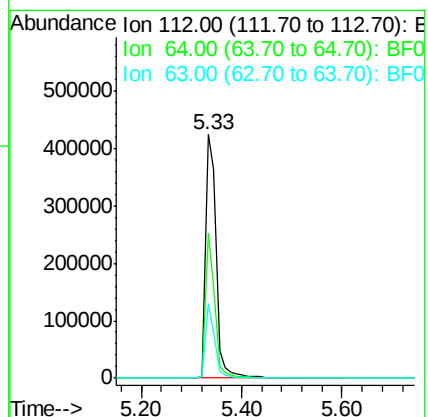
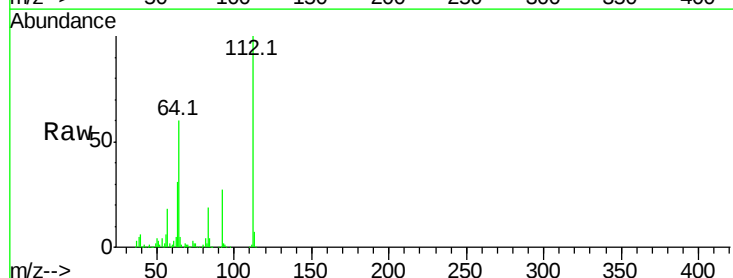
Tgt Ion:112 Resp: 620148

Ion Ratio Lower Upper

112 100

64 59.8 39.9 59.9

63 30.9 20.2 30.2#





#7

Phenol-d6

Concen: 63.25 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

Instrument :

BNA_F

ClientSampleId :

TILCONMHDGA005

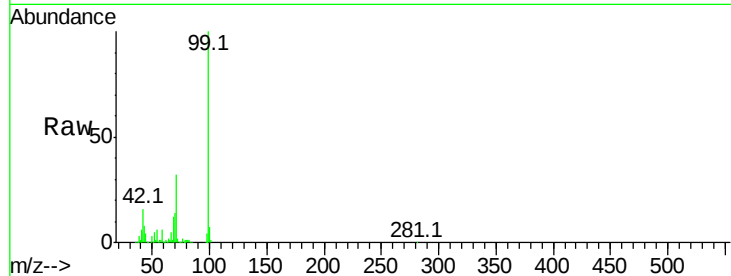
Tot Ion: 99 Resp: 753866

Ion Ratio Lower Upper

99 100

42 15.6 11.1 16.7

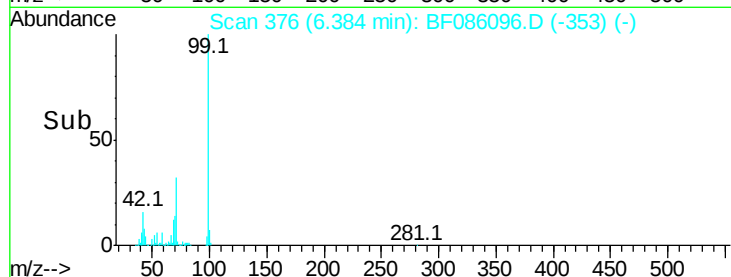
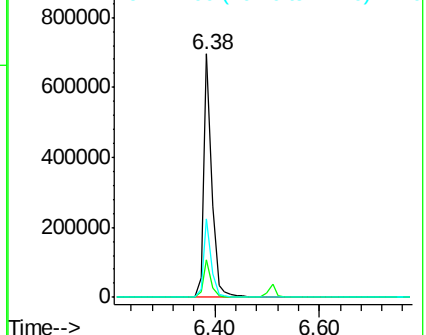
71 32.4 24.9 37.3



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: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

Tgt Ion: 136 Resp: 662127

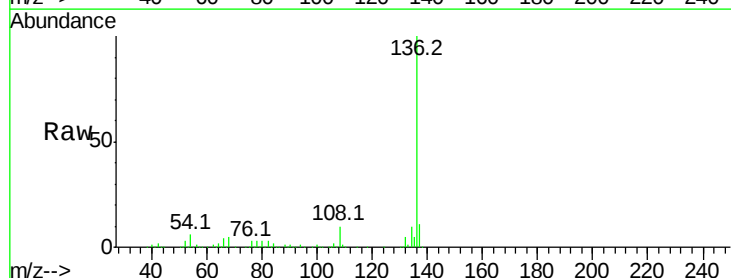
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.6 7.4 11.0#

68 5.1 5.8 8.8#

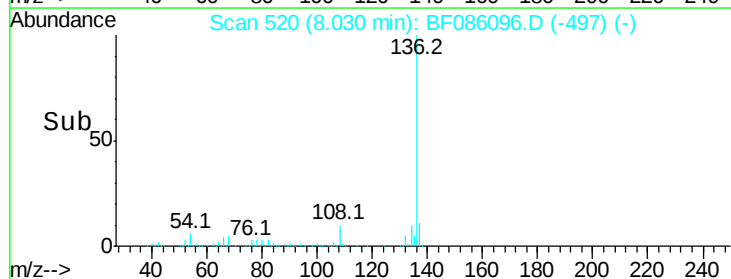
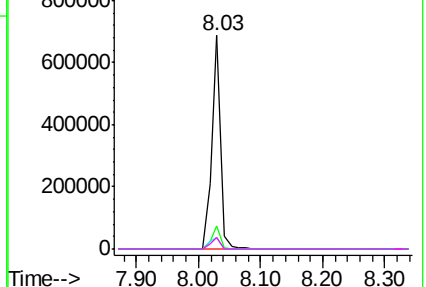


Abundance Ion 136.00 (135.70 to 136.70): E

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

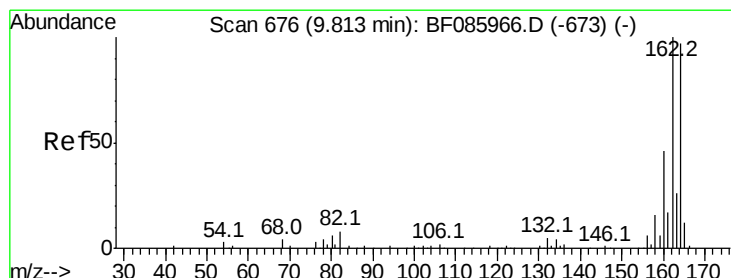
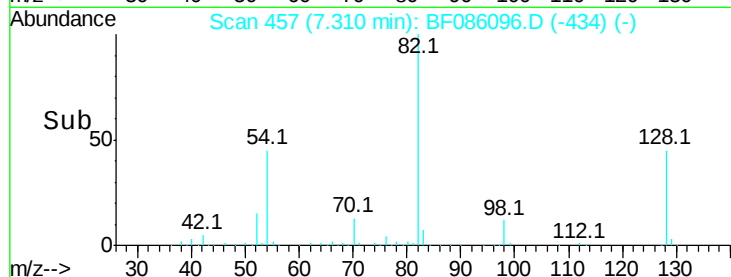
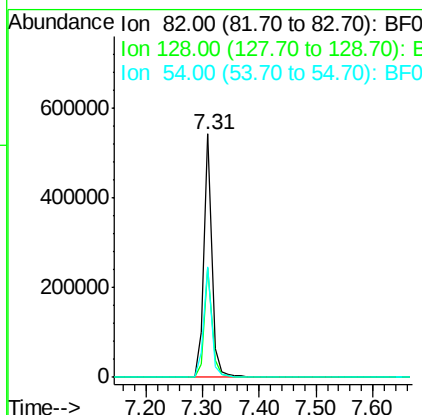
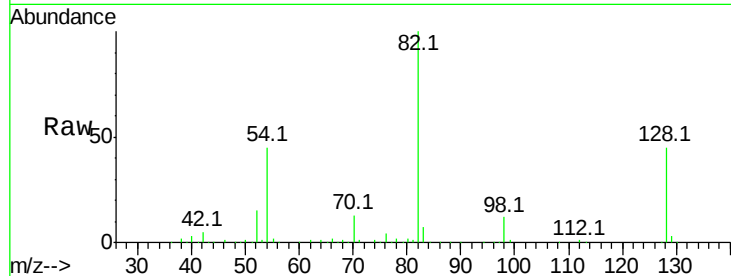




#23
 Nitrobenzene-d5
 Concen: 45.53 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF086096.D
 Acq: 6 Apr 2016 14:06

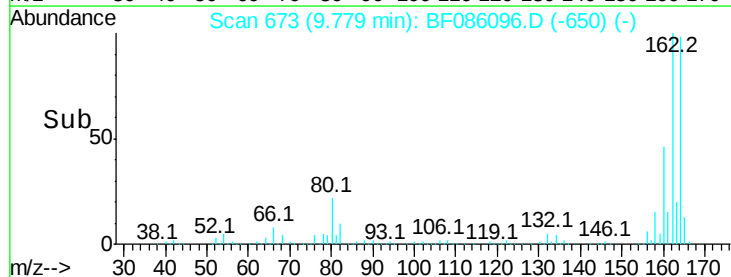
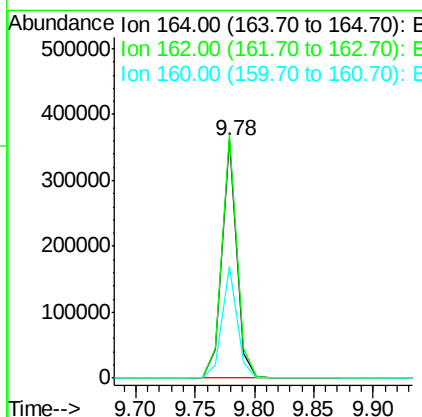
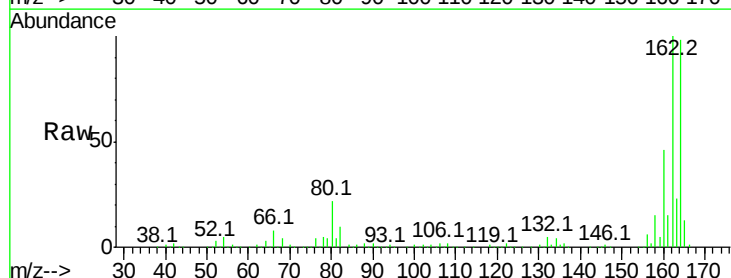
Instrument :
 BNA_F
 ClientSampleId :
 TILCONMHDGA005

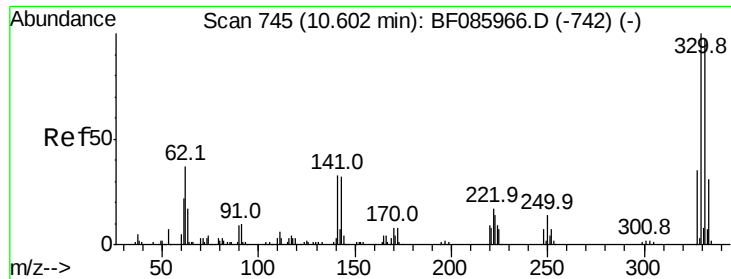
Tot Ion: 82 Resp: 511230
 Ion Ratio Lower Upper
 82 100
 128 45.1 41.8 62.8
 54 45.4 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086096.D
 Acq: 6 Apr 2016 14:06

Tgt Ion:164 Resp: 306202
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.8 37.4 56.2

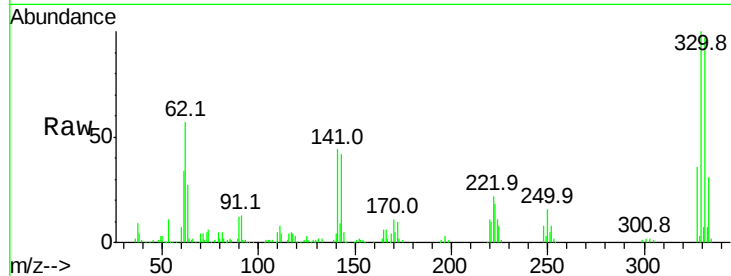




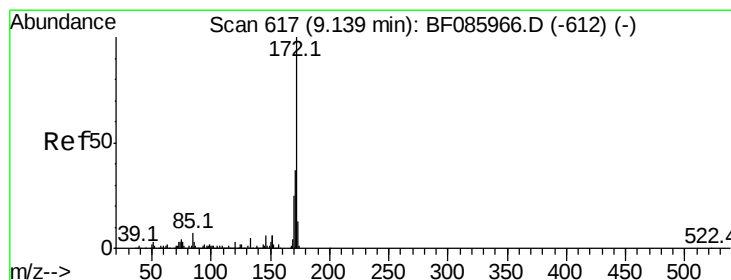
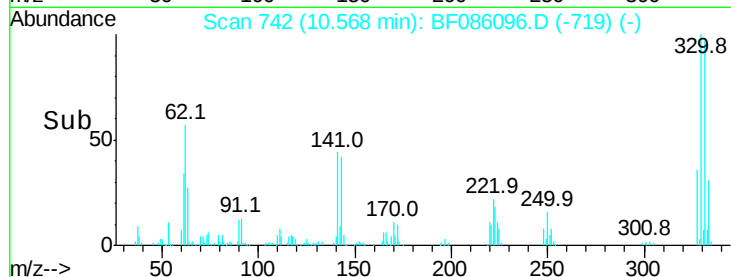
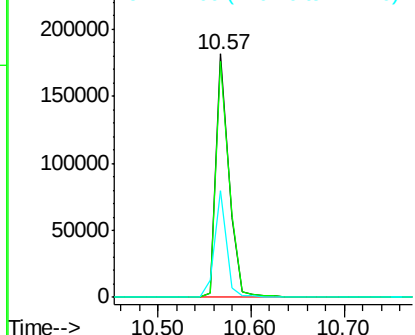
#41
 2,4,6-Tribromophenol
 Concen: 60.80 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086096.D
 Acq: 6 Apr 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMHDGA005

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.2
141	40.3	31.5	47.3

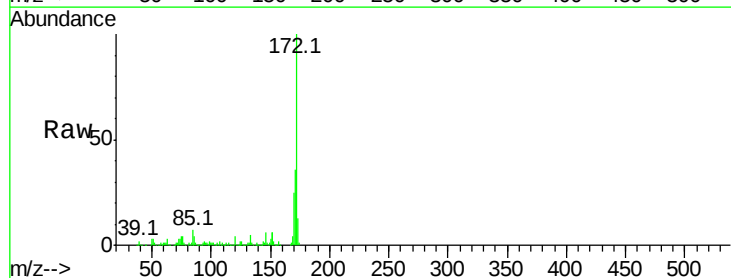


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

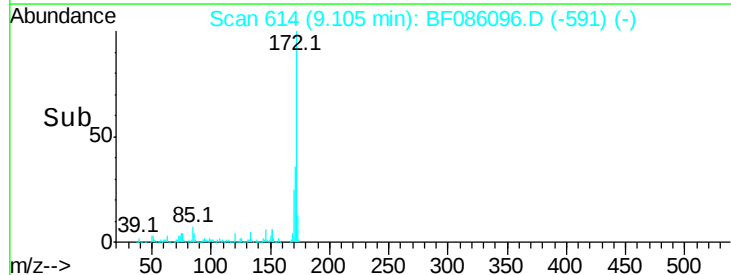
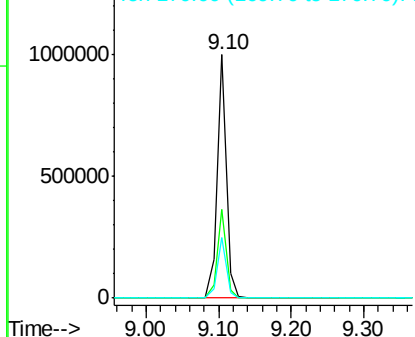


#44
 2-Fluorobiphenyl
 Concen: 47.61 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086096.D
 Acq: 6 Apr 2016 14:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	19.8	29.6



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

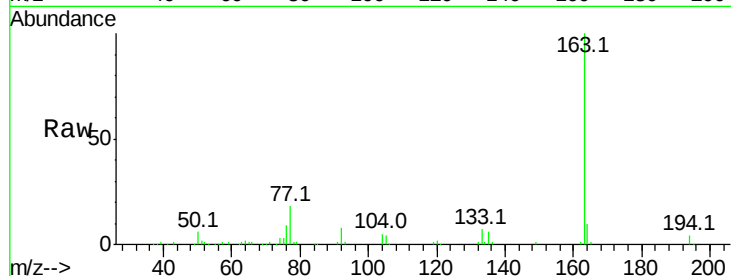




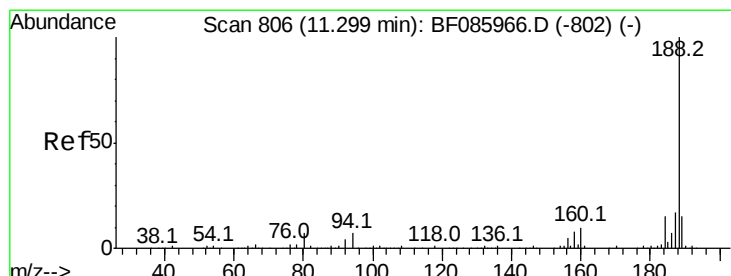
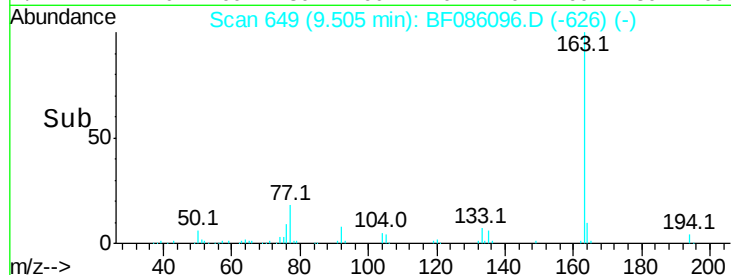
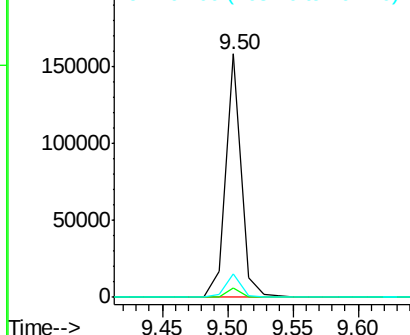
#49
Dimethylphthalate
Concen: 5.80 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086096.D
Acq: 6 Apr 2016 14:06

Instrument :
BNA_F
ClientSampleId :
TILCONMHDGA005

Tot Ion:163 Resp: 131523
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.9 8.3 12.5

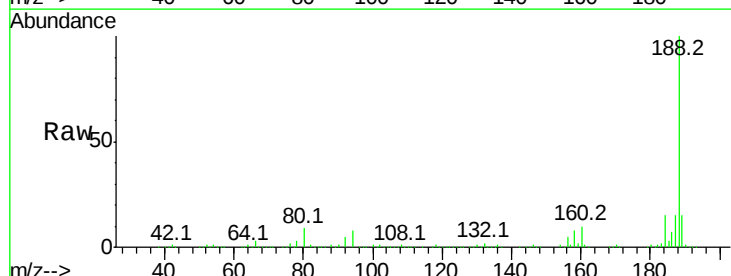


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

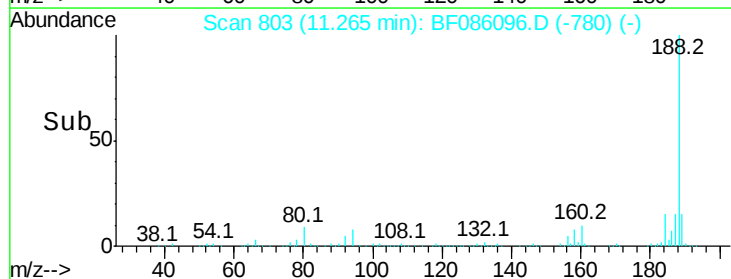
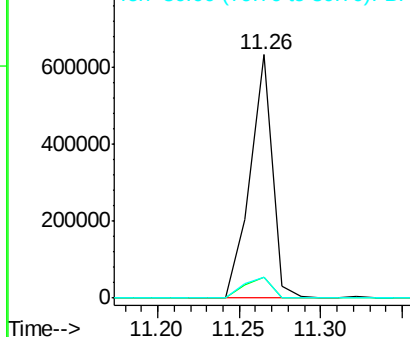


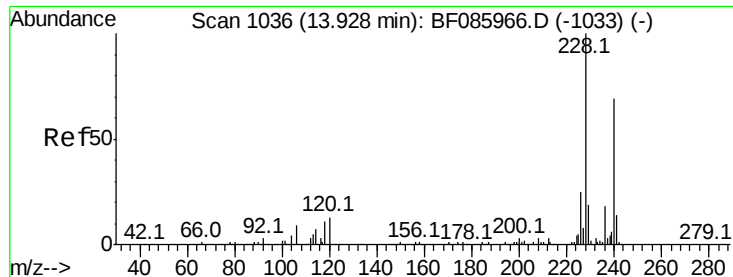
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086096.D
Acq: 6 Apr 2016 14:06

Tgt Ion:188 Resp: 600383
Ion Ratio Lower Upper
188 100
94 8.4 5.4 8.0#
80 8.5 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

Instrument :

BNA_F

ClientSampleId :

TILCONMHDGA005

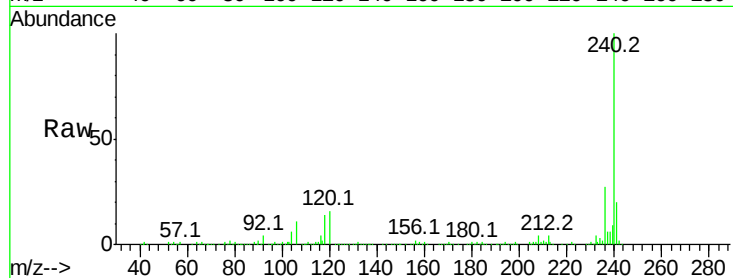
Tot Ion:240 Resp: 440155

Ion Ratio Lower Upper

240 100

120 16.4 13.8 20.8

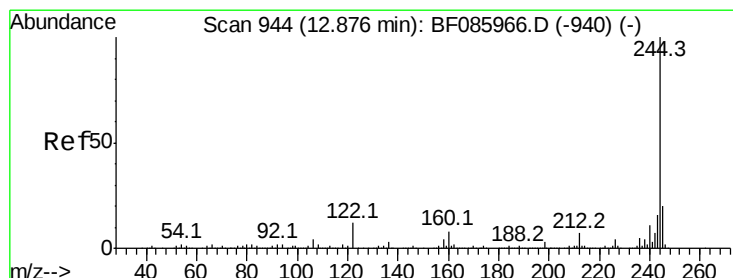
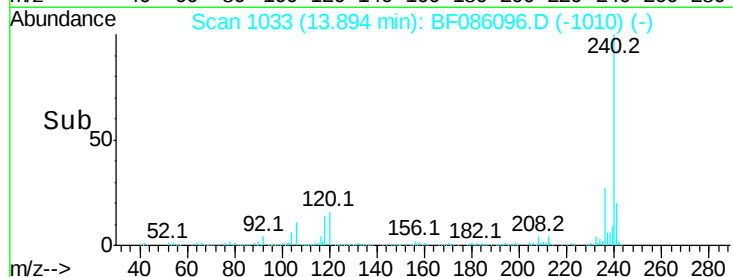
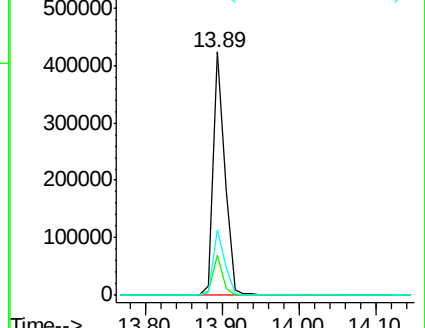
236 27.2 20.6 30.8



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: 45.95 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086096.D

Acq: 6 Apr 2016 14:06

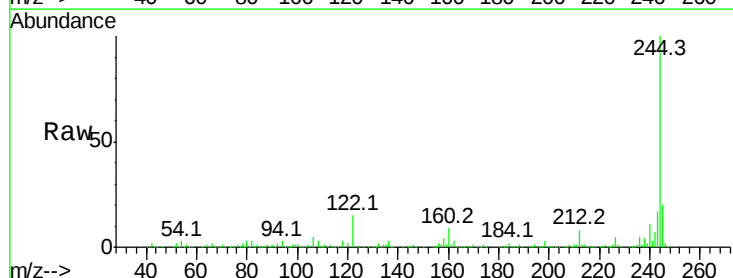
Tgt Ion:244 Resp: 860333

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

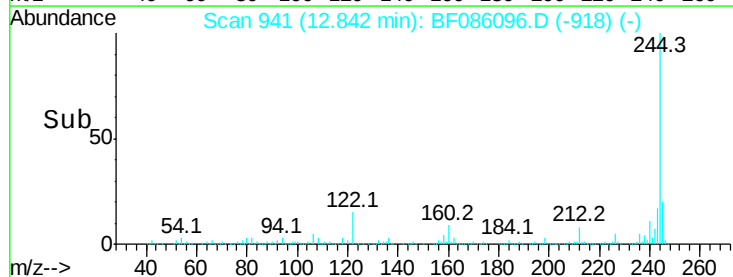
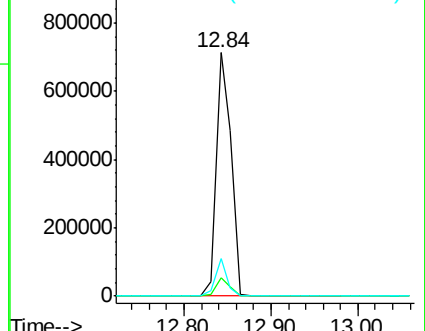
122 15.3 10.2 15.4

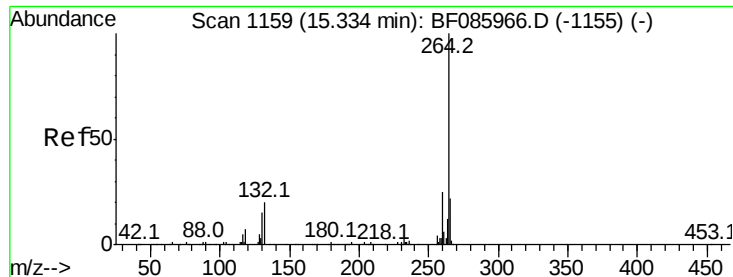


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF086096.D
 Acq: 6 Apr 2016 14:06

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMHDGA005

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	17.2	25.8

