

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077987.D
 Acq On : 26 Mar 2015 9:52
 Operator : TP/IZ
 Sample : G1642-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Mar 26 12:59:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

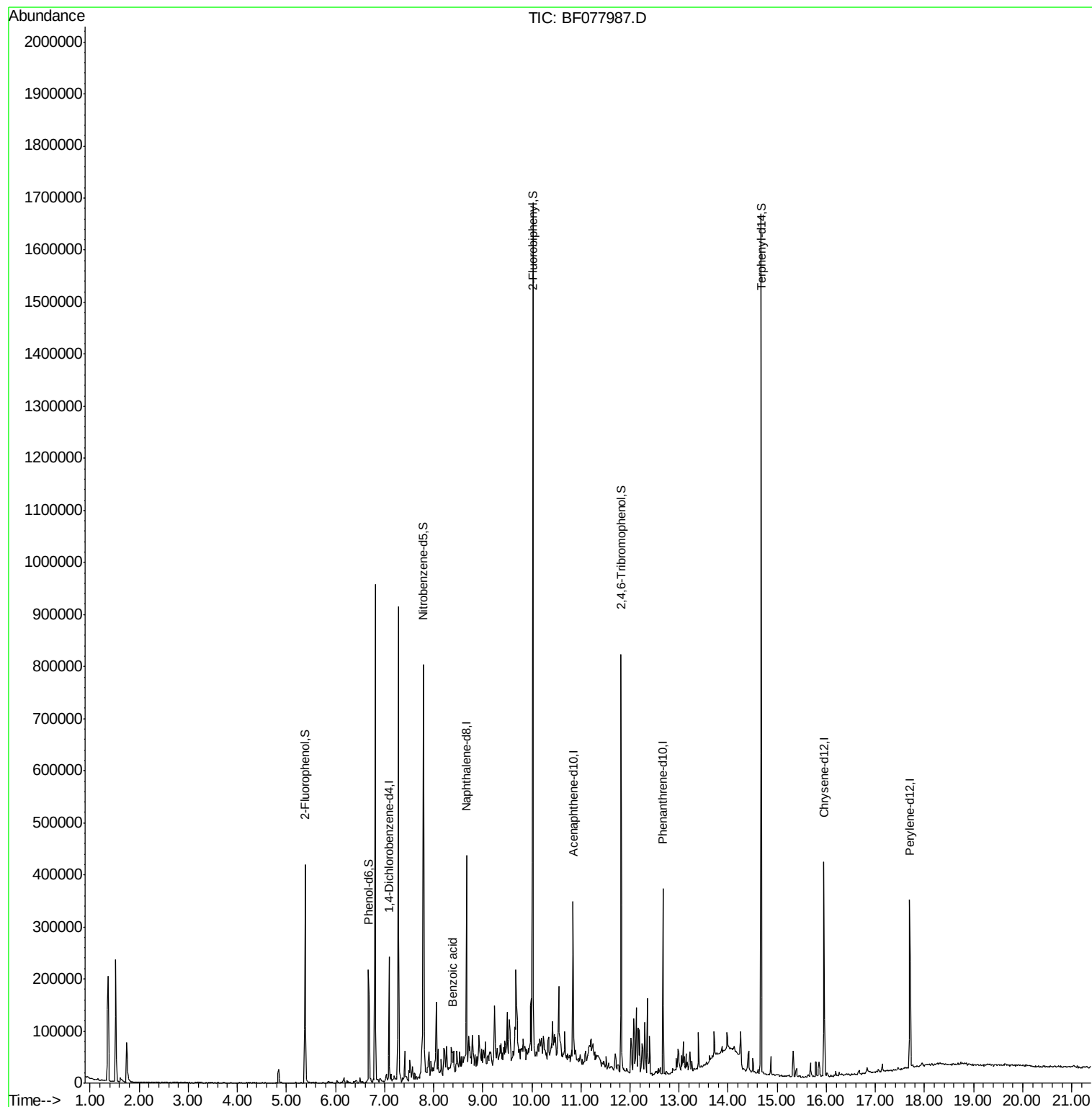
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36375	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	149034	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	72016	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	147117	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	157449	20.00	ng	-0.18
86) Perylene-d12	17.70	264	156868	20.00	ng	-0.40
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	141145	67.73	ng	-0.06
7) Phenol-d6	6.67	99	111284	43.22	ng	-0.06
23) Nitrobenzene-d5	7.79	82	235570	103.61	ng	-0.07
41) 2,4,6-Tribromophenol	11.81	330	95299	138.31	ng	-0.08
44) 2-Fluorobiphenyl	10.02	172	515930	105.28	ng	-0.07
78) Terphenyl-d14	14.67	244	589660	91.48	ng	-0.09
Target Compounds						
32) Benzoic acid	8.38	122	14544	14.26	ng	Qvalue 96

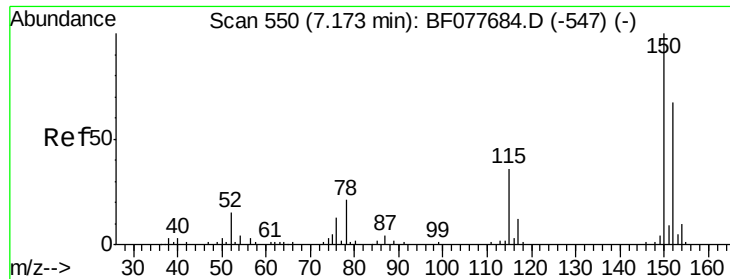
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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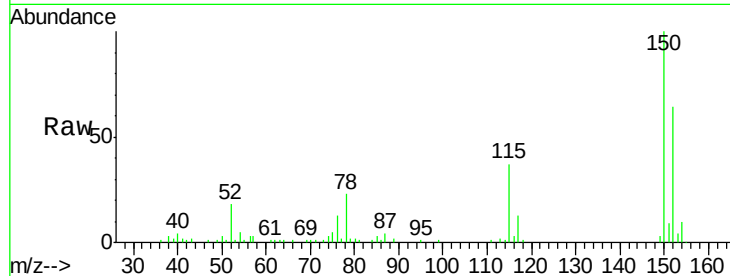




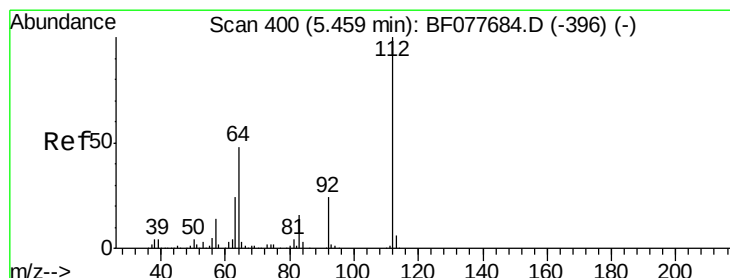
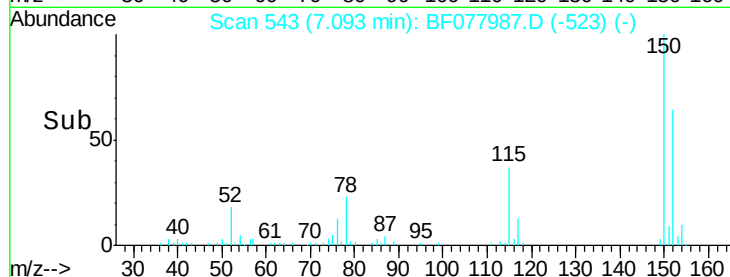
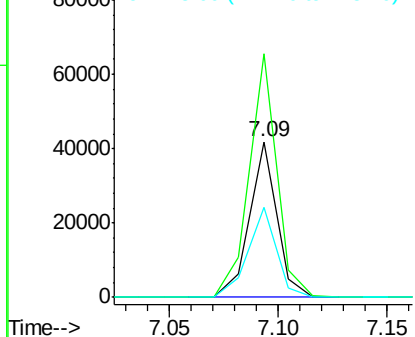
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF077987.D
 Acq: 26 Mar 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion:152 Resp: 36375
 Ion Ratio Lower Upper
 152 100
 150 156.7 119.5 179.3
 115 57.8 43.0 64.4

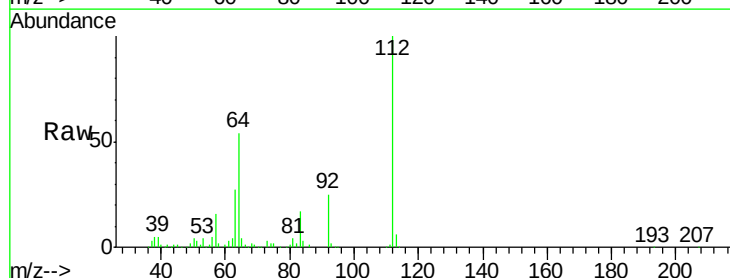


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

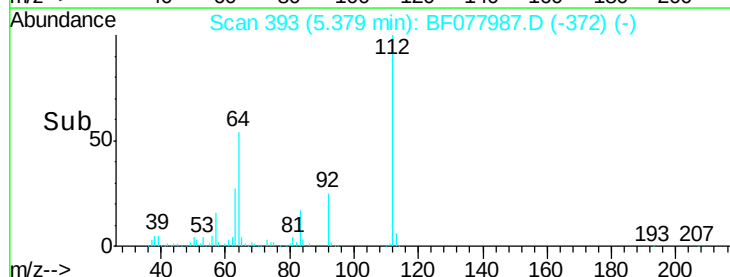
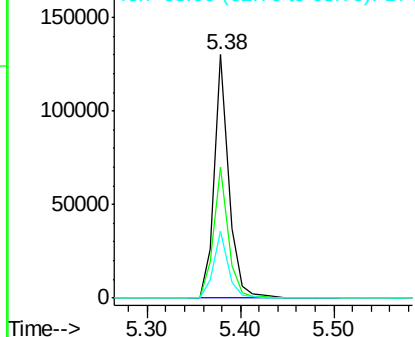


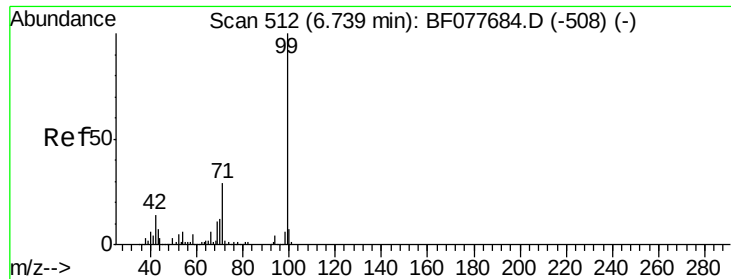
#5
 2-Fluorophenol
 Concen: 67.73 ng
 RT: 5.38 min Scan# 393
 Delta R.T. -0.06 min
 Lab File: BF077987.D
 Acq: 26 Mar 2015 9:52

Tgt Ion:112 Resp: 141145
 Ion Ratio Lower Upper
 112 100
 64 53.7 38.6 57.8
 63 27.4 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.22 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-04

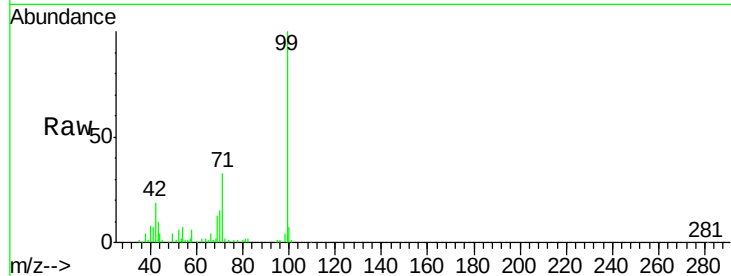
Tot Ion: 99 Resp: 111284

Ion Ratio Lower Upper

99 100

42 18.6 11.0 16.4#

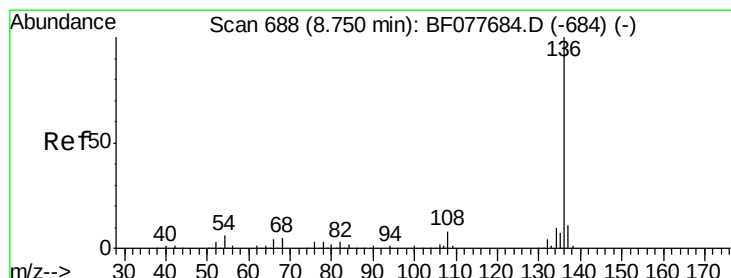
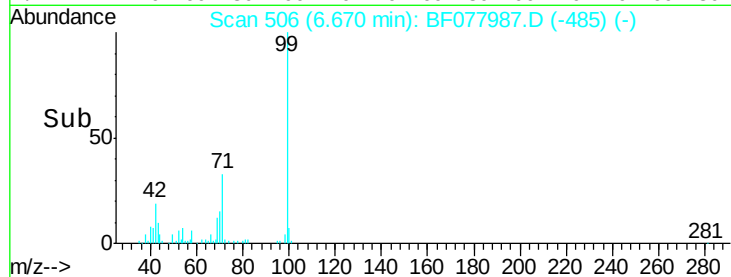
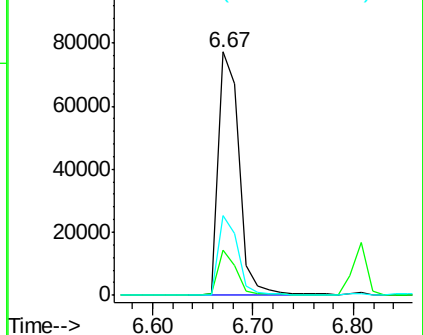
71 32.8 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

Tgt Ion: 136 Resp: 149034

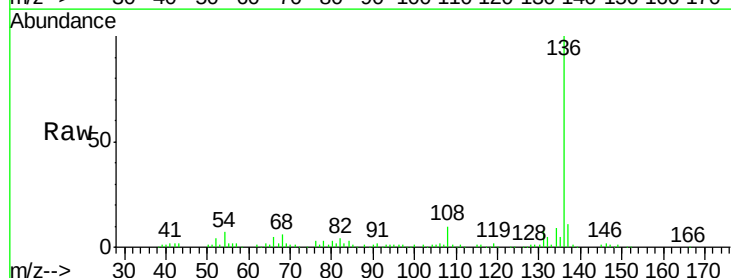
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 7.1 4.6 6.8#

68 5.6 3.7 5.5#

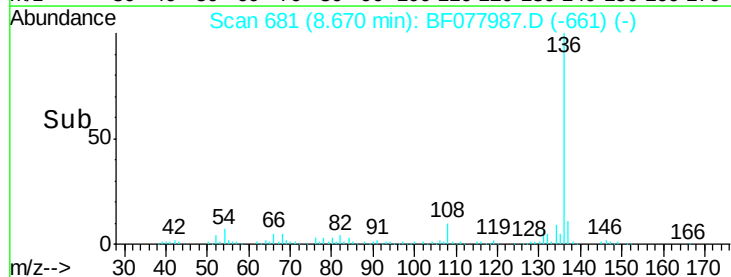
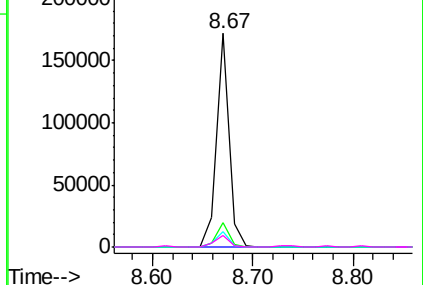


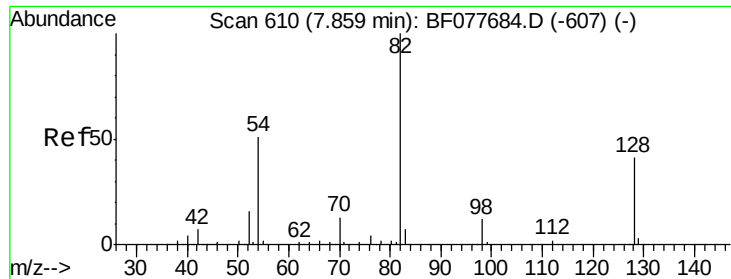
Abundance Ion 136.00 (135.70 to 136.70): E

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

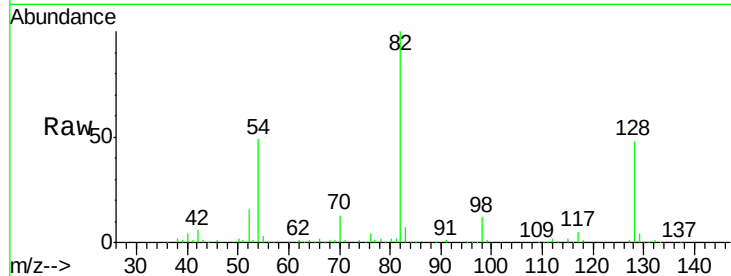




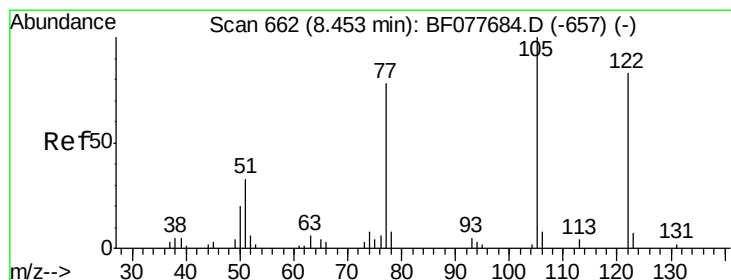
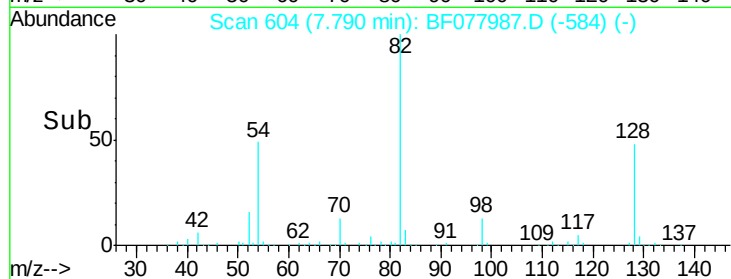
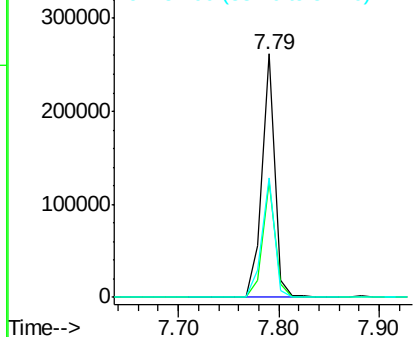
#23
Nitrobenzene-d5
Concen: 103.61 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF077987.D
Acq: 26 Mar 2015 9:52

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion: 82 Resp: 235570
Ion Ratio Lower Upper
82 100
128 47.7 32.8 49.2
54 48.9 40.6 60.8

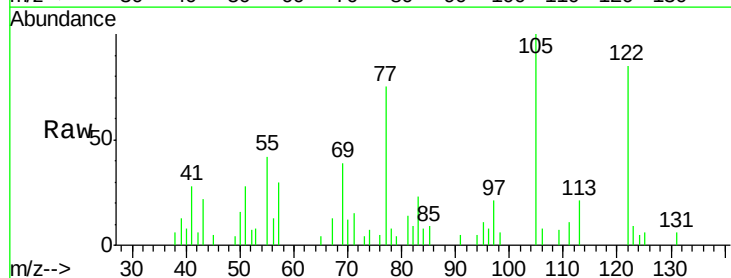


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

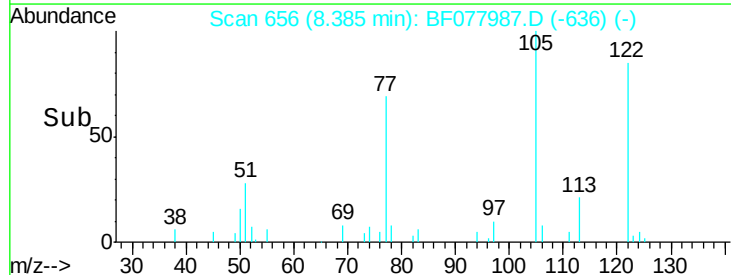
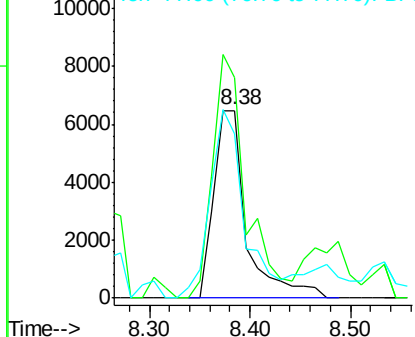


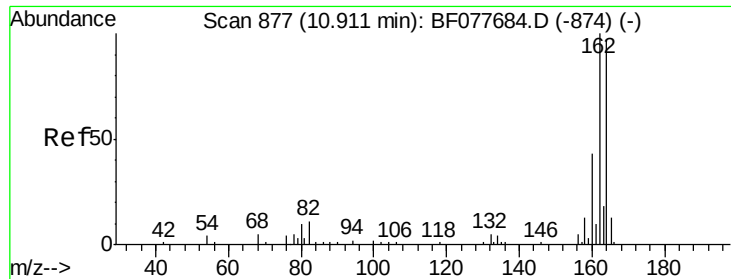
#32
Benzoic acid
Concen: 14.26 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.07 min
Lab File: BF077987.D
Acq: 26 Mar 2015 9:52

Tgt Ion: 122 Resp: 14544
Ion Ratio Lower Upper
122 100
105 117.4 99.9 139.9
77 87.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.07 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

Instrument :

BNA_F

ClientSampled :

MW-04

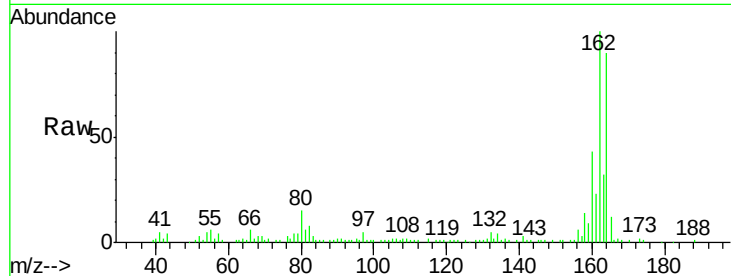
Tot Ion:164 Resp: 72016

Ion Ratio Lower Upper

164 100

162 110.5 82.4 123.6

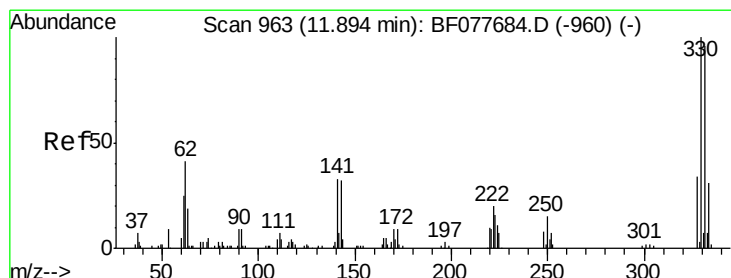
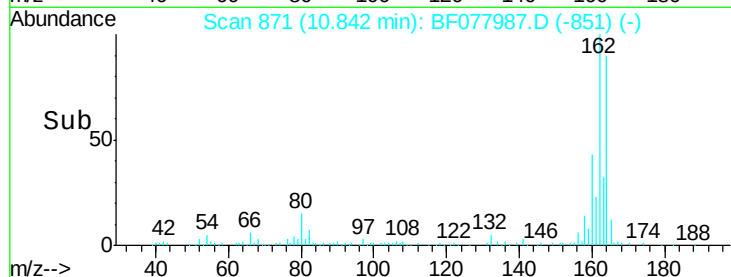
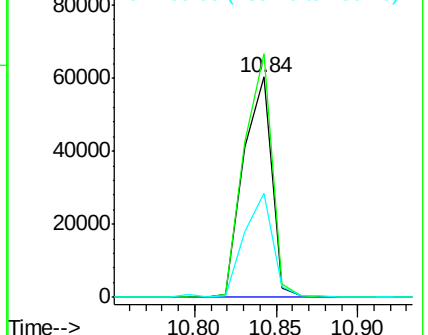
160 47.5 35.8 53.6



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: 138.31 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.08 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

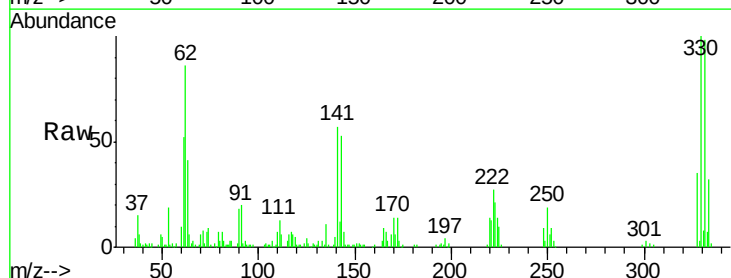
Tgt Ion:330 Resp: 95299

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

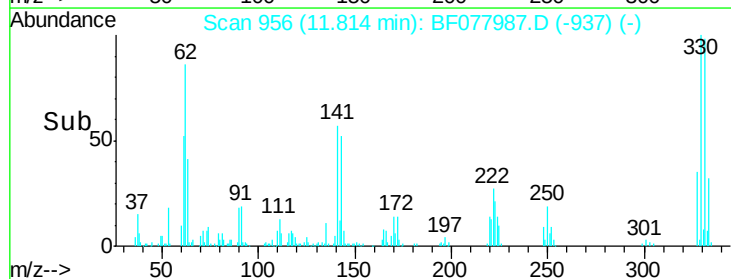
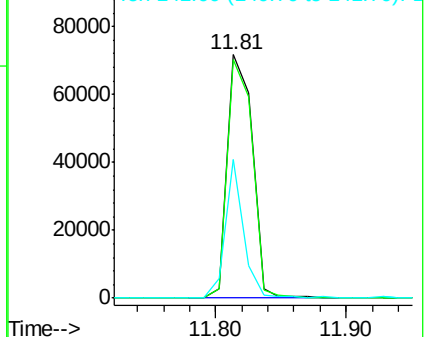
141 41.6 0.0 0.0#

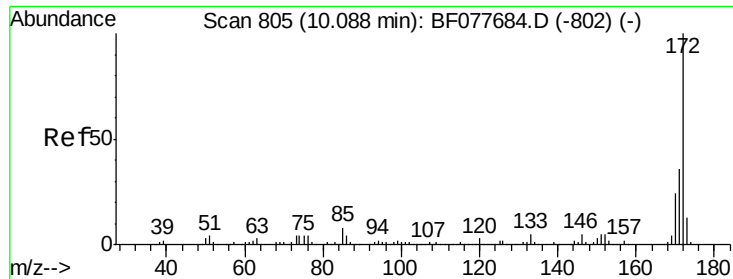


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

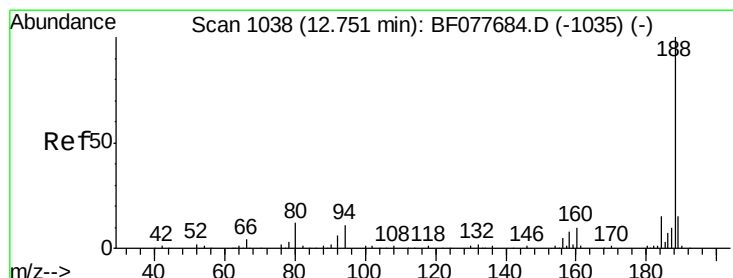
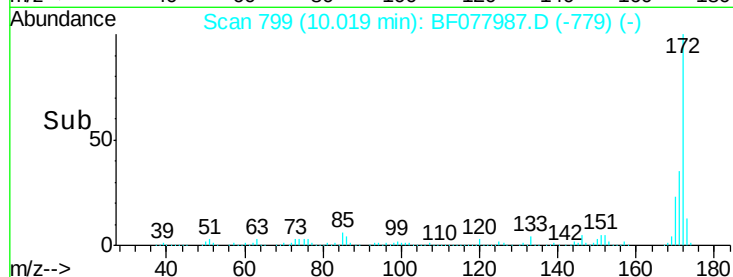
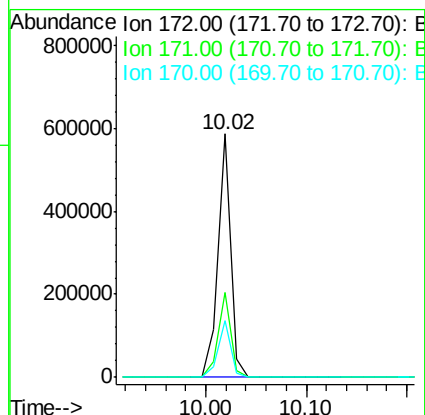
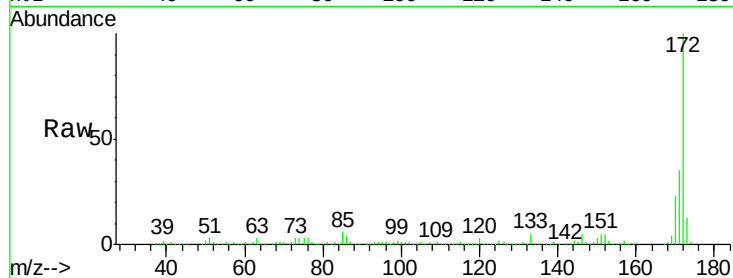




#44
 2-Fluorobiphenyl
 Concen: 105.28 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF077987.D
 Acq: 26 Mar 2015 9:52

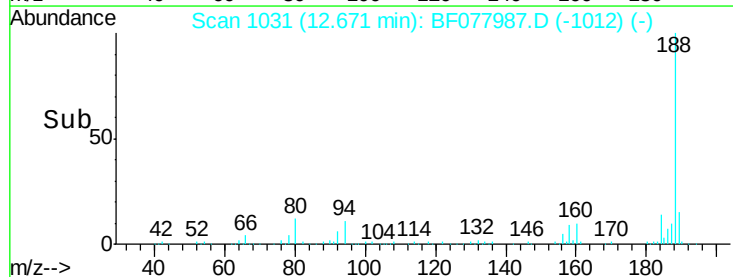
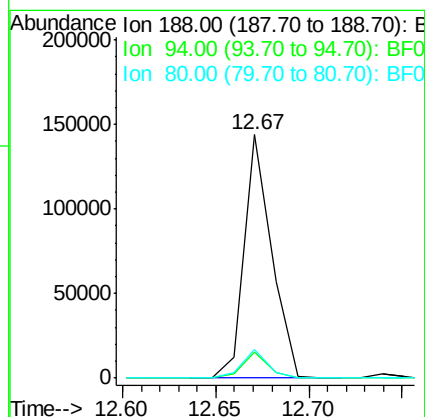
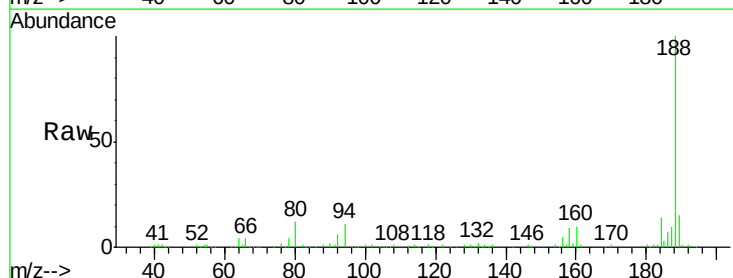
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

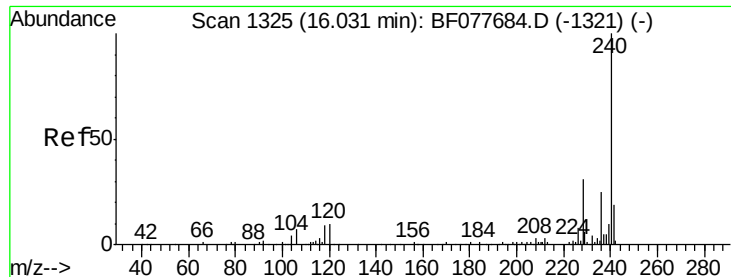
Tot Ion:172 Resp: 515930
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.4 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF077987.D
 Acq: 26 Mar 2015 9:52

Tgt Ion:188 Resp: 147117
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.7 13.1
 80 11.5 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-04

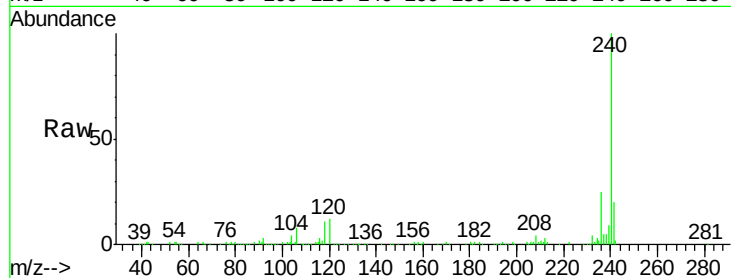
Tot Ion:240 Resp: 157449

Ion Ratio Lower Upper

240 100

120 12.4 8.2 12.2#

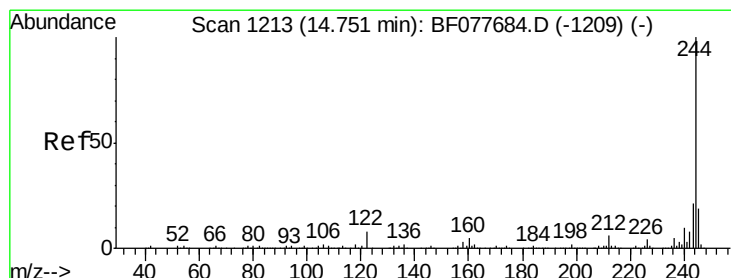
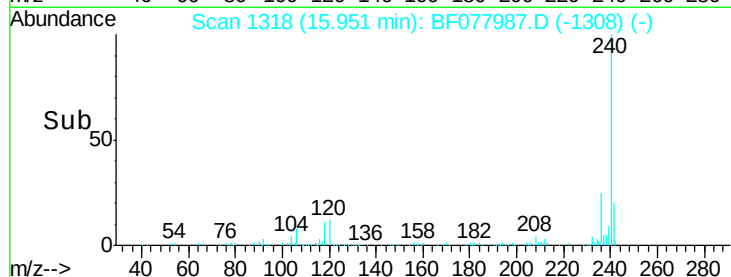
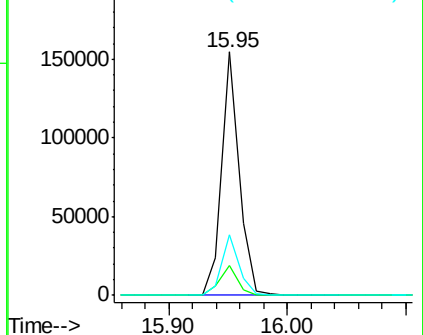
236 25.0 20.0 30.0



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: 91.48 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF077987.D

Acq: 26 Mar 2015 9:52

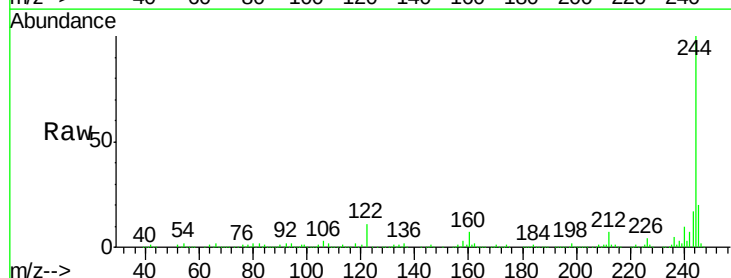
Tgt Ion:244 Resp: 589660

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

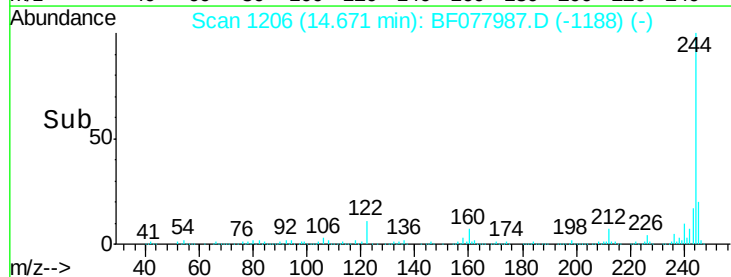
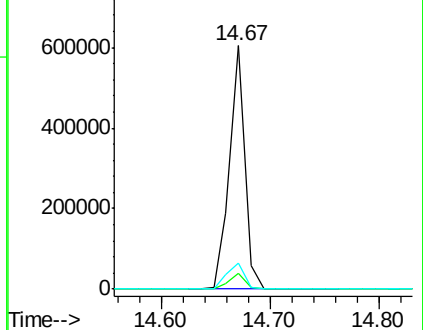
122 10.5 6.2 9.4#

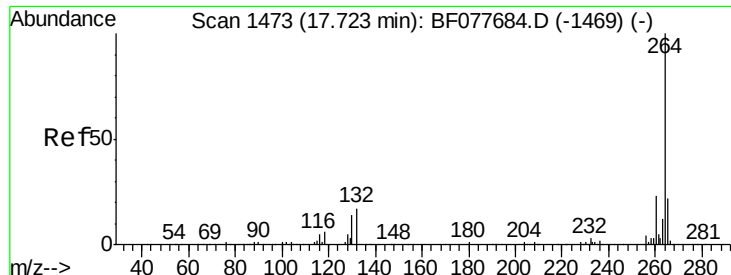


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

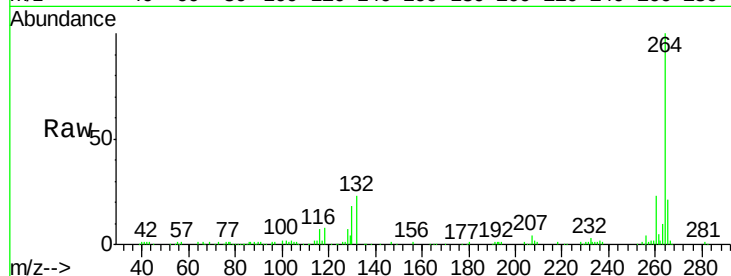




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.40 min
 Lab File: BF077987.D
 Acq: 26 Mar 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

