

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077988.D
 Acq On : 26 Mar 2015 10:21
 Operator : TP/IZ
 Sample : G1642-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Mar 26 13:02:54 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

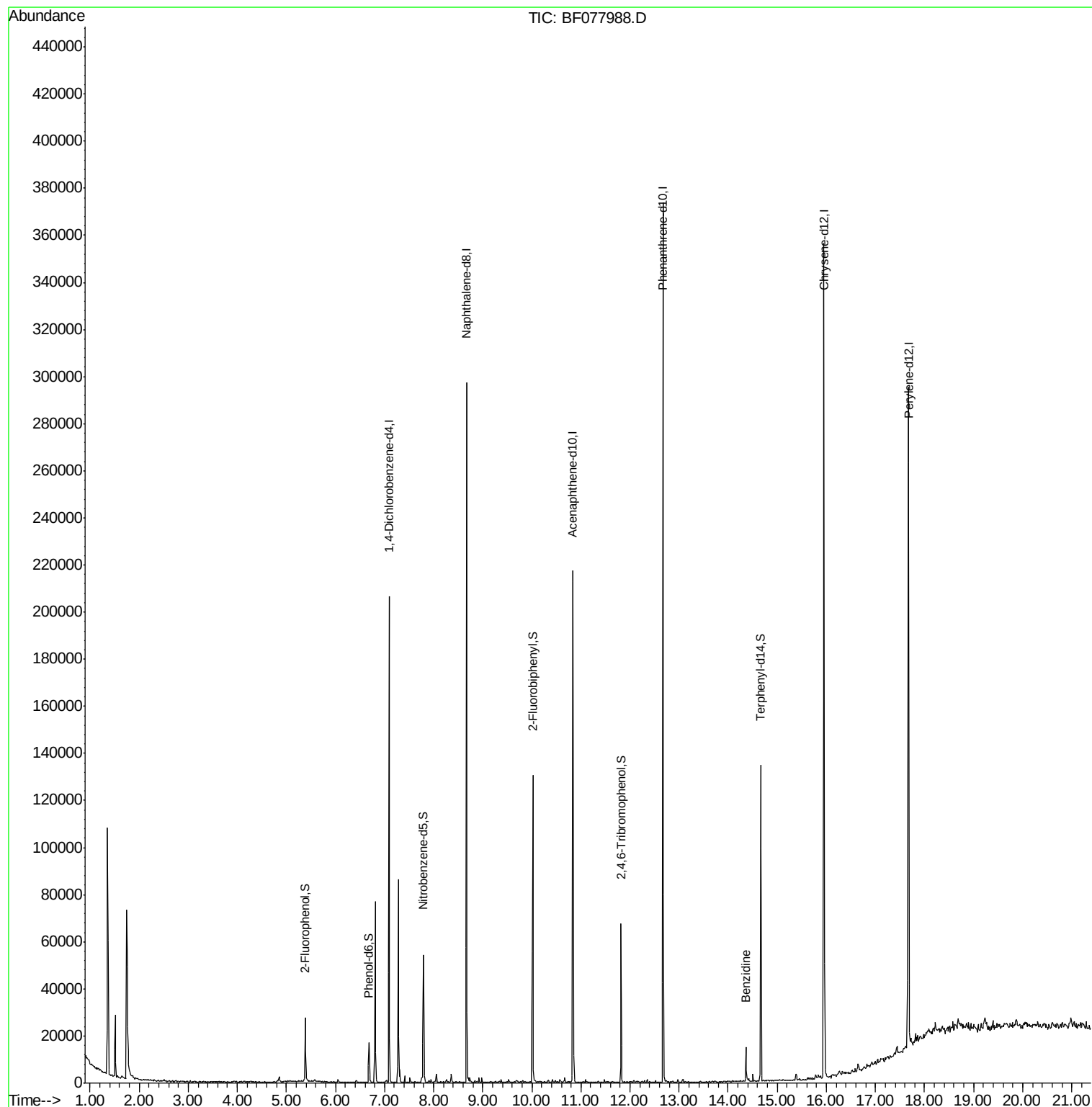
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	33248	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	139246	20.00	ng	-0.07
38) Acenaphthene-d10	10.83	164	68921	20.00	ng	-0.08
63) Phenanthrene-d10	12.67	188	145053	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	153412	20.00	ng	-0.18
86) Perylene-d12	17.68	264	153613	20.00	ng	-0.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	11473	6.02	ng	-0.06
7) Phenol-d6	6.68	99	9236	3.92	ng	-0.05
23) Nitrobenzene-d5	7.79	82	19275	9.07	ng	-0.07
41) 2,4,6-Tribromophenol	11.81	330	8734	13.24	ng	-0.08
44) 2-Fluorobiphenyl	10.02	172	51102	10.90	ng	-0.07
78) Terphenyl-d14	14.66	244	62959	10.02	ng	-0.10
Target Compounds						
76) Benzidine	14.36	184	10999	2.44	ng	Qvalue 98

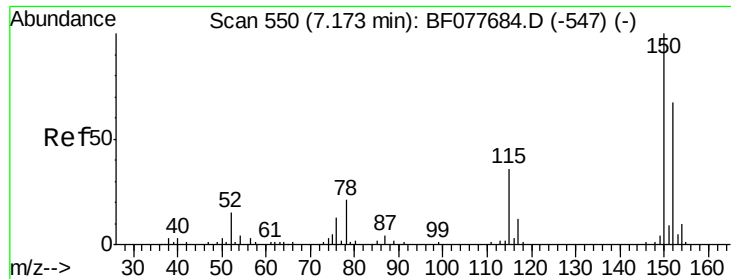
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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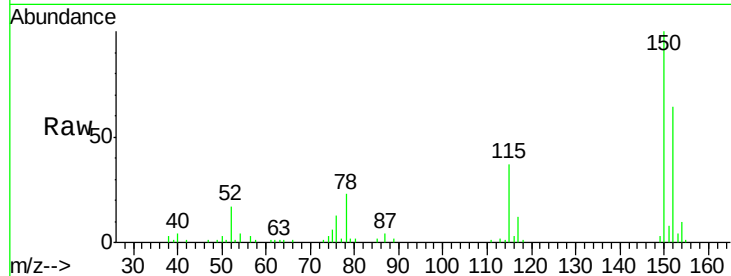


#1

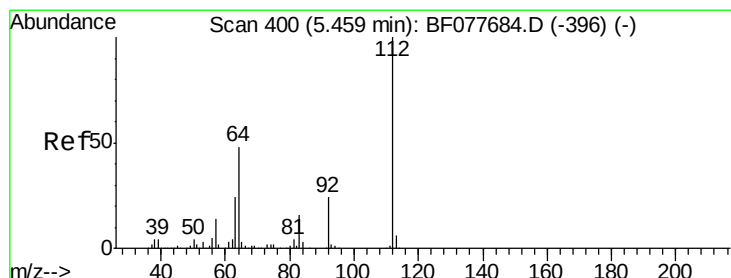
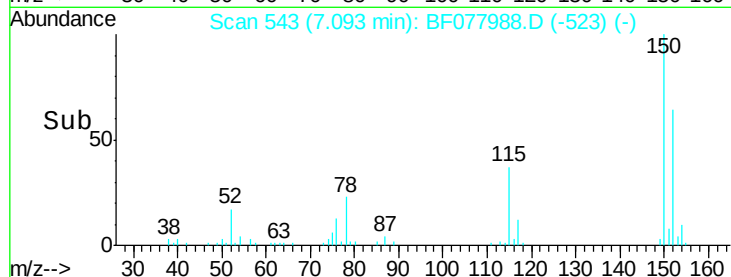
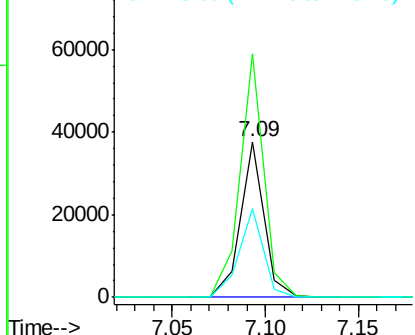
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:152 Resp: 33248
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 57.4 43.0 64.4



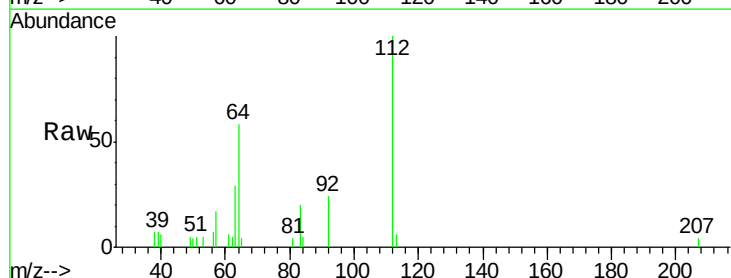
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



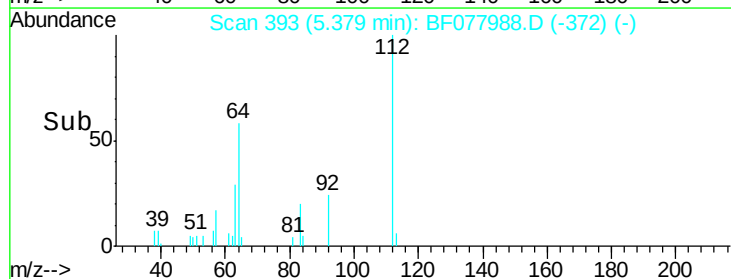
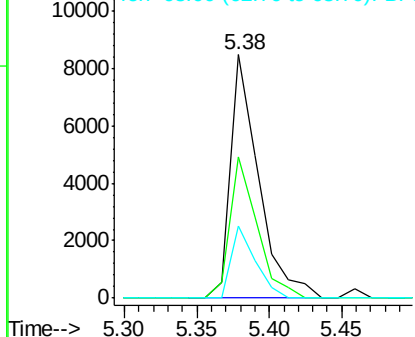
#5

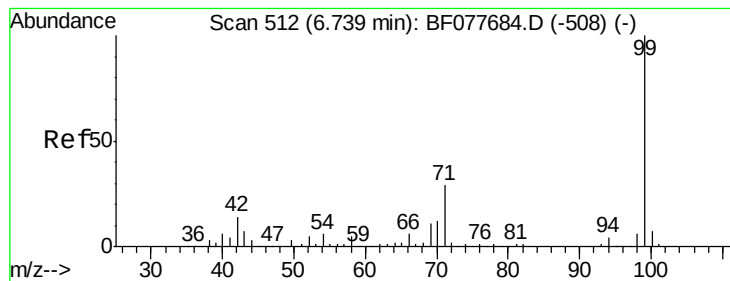
2-Fluorophenol
Concen: 6.02 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Tgt Ion:112 Resp: 11473
Ion Ratio Lower Upper
112 100
64 58.1 38.6 57.8#
63 29.5 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: 3.92 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

Instrument :

BNA_F

ClientSampleId :

MW-16

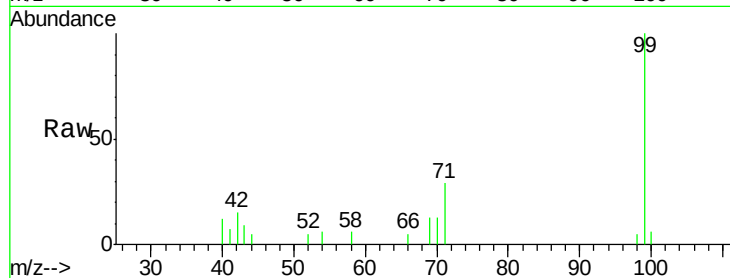
Tot Ion: 99 Resp: 9236

Ion Ratio Lower Upper

99 100

42 15.2 11.0 16.4

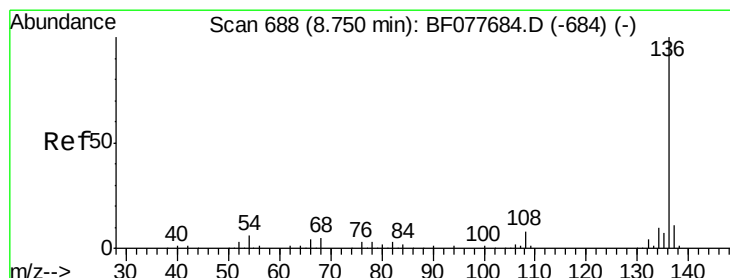
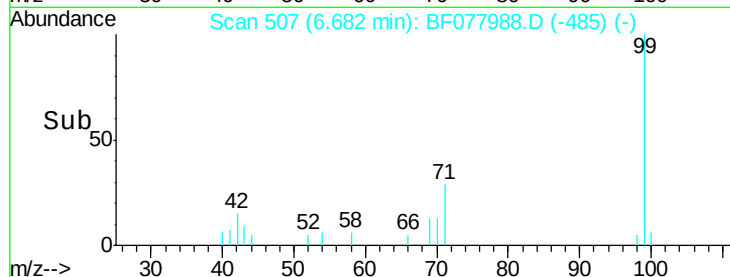
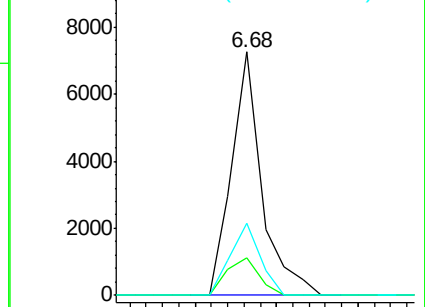
71 29.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

Tgt Ion: 136 Resp: 139246

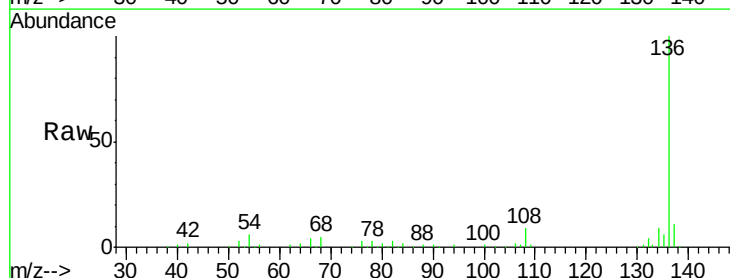
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.5 4.6 6.8

68 5.4 3.7 5.5

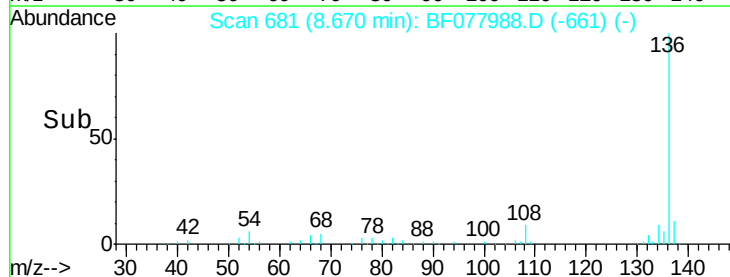
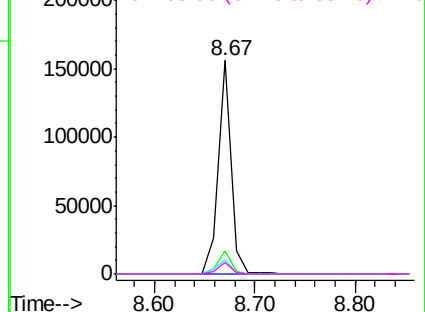


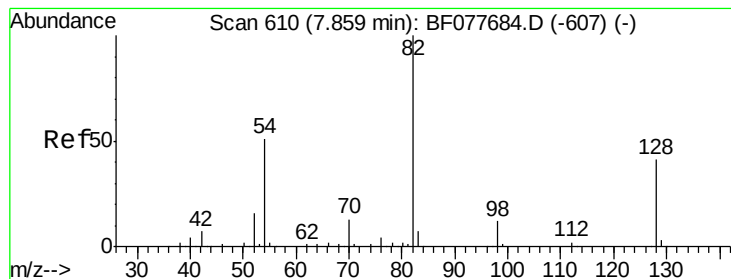
Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)





#23

Nitrobenzene-d5

Concen: 9.07 ng

RT: 7.79 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

Instrument :

BNA_F

ClientSampleId :

MW-16

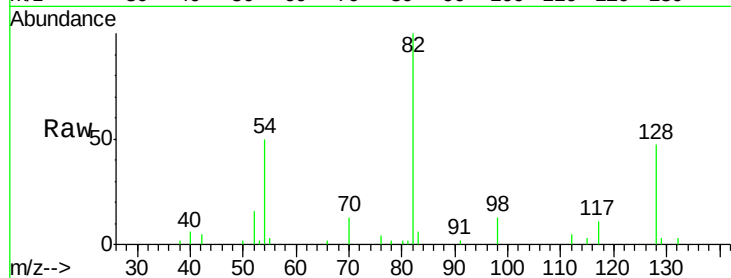
Tot Ion: 82 Resp: 19275

Ion Ratio Lower Upper

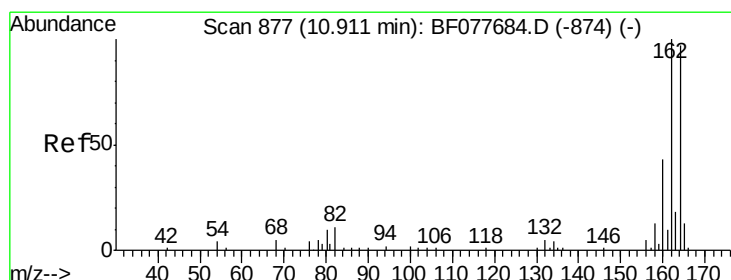
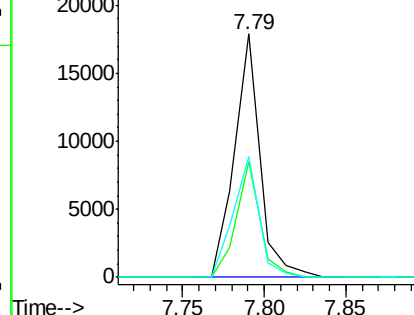
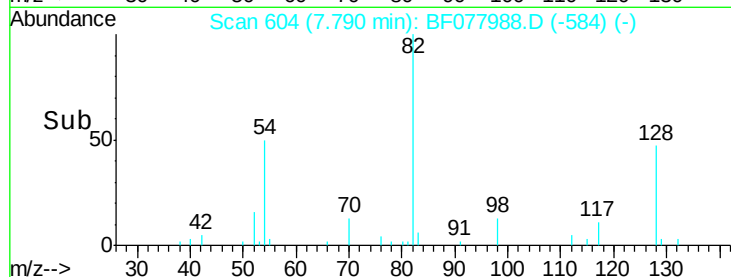
82 100

128 47.4 32.8 49.2

54 49.6 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.08 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

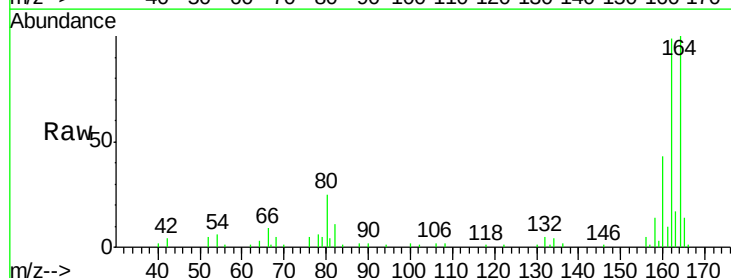
Tgt Ion: 164 Resp: 68921

Ion Ratio Lower Upper

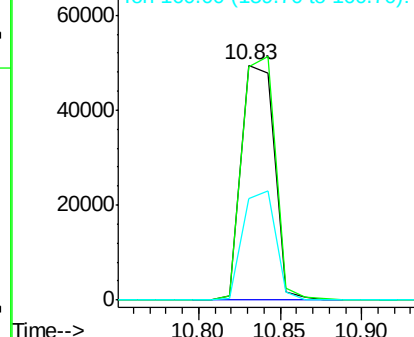
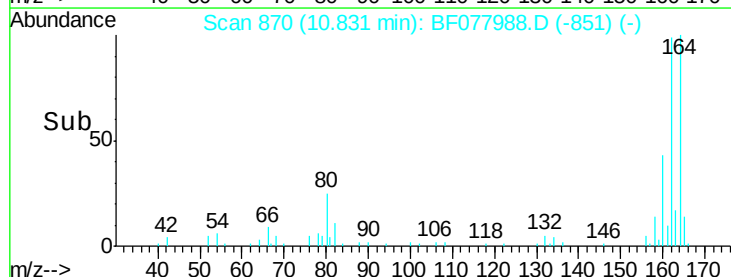
164 100

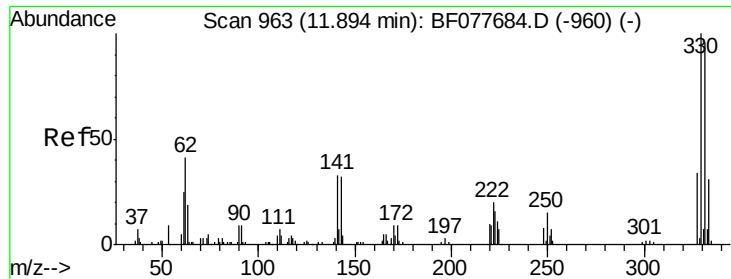
162 99.0 82.4 123.6

160 43.4 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: 13.24 ng

RT: 11.81 min Scan# 956

Delta R.T. -0.08 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

Instrument :

BNA_F

ClientSampleId :

MW-16

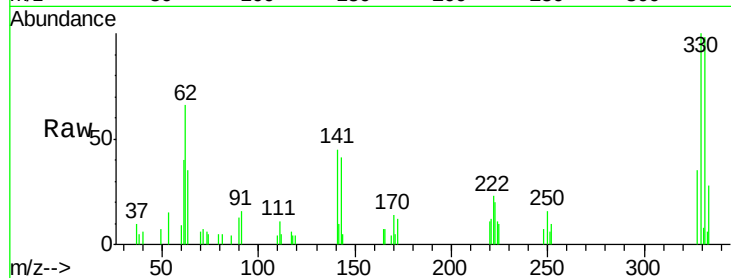
Tot Ion:330 Resp: 8734

Ion Ratio Lower Upper

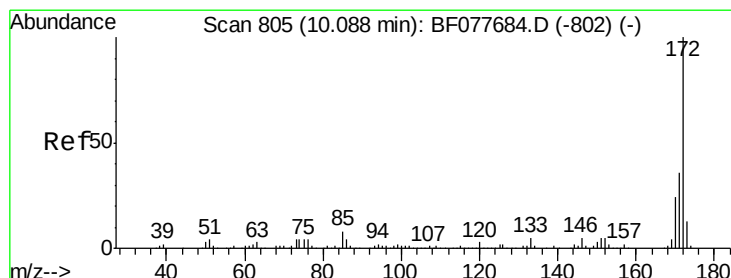
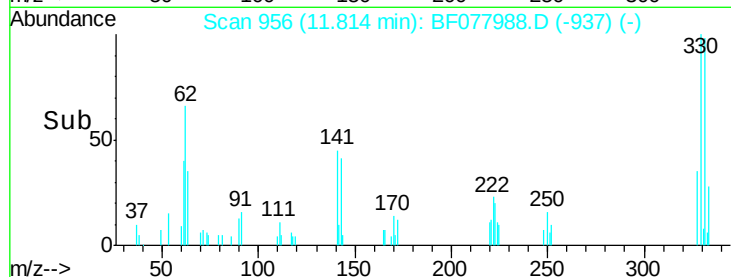
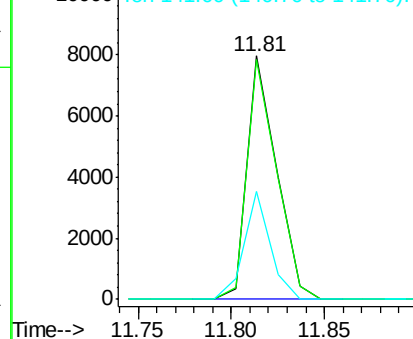
330 100

332 98.9 0.0 0.0#

141 39.5 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: 10.90 ng

RT: 10.02 min Scan# 799

Delta R.T. -0.07 min

Lab File: BF077988.D

Acq: 26 Mar 2015 10:21

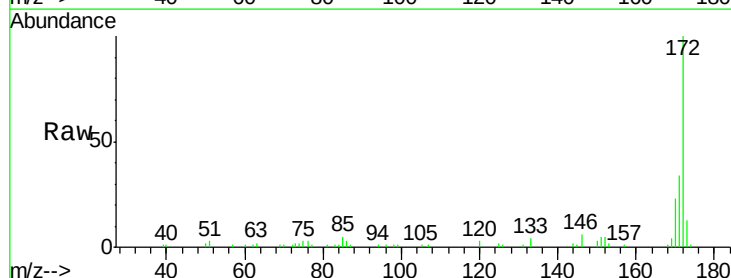
Tgt Ion:172 Resp: 51102

Ion Ratio Lower Upper

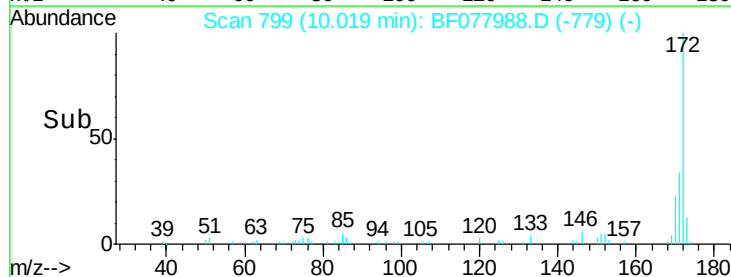
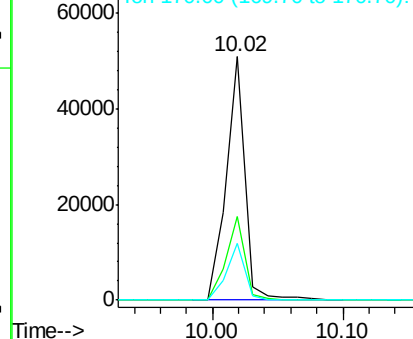
172 100

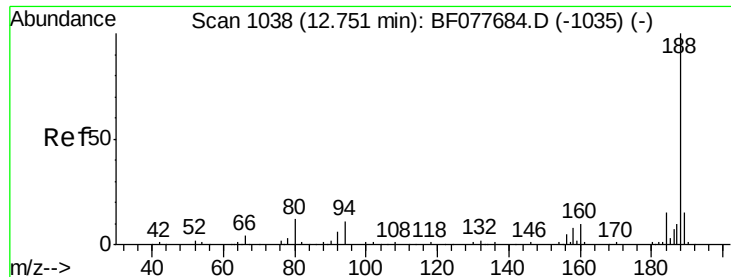
171 34.5 28.5 42.7

170 23.4 18.8 28.2



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

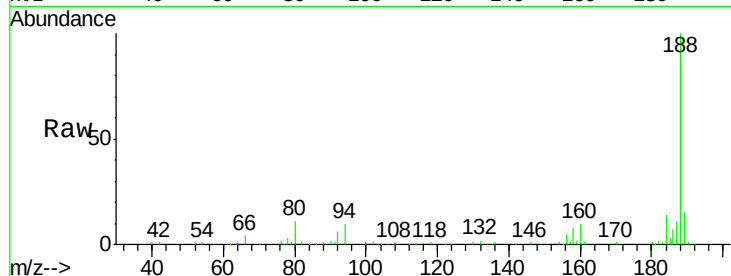




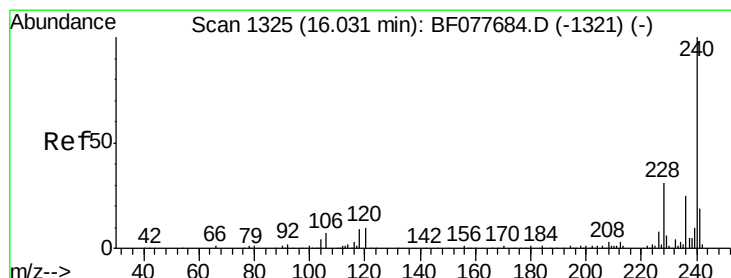
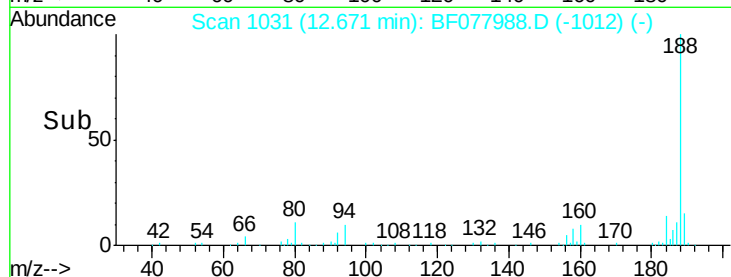
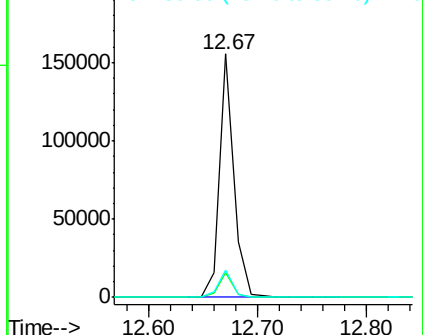
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:188 Resp: 145053
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.4 9.3 13.9

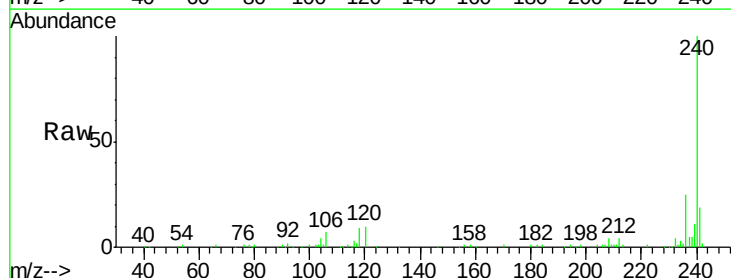


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

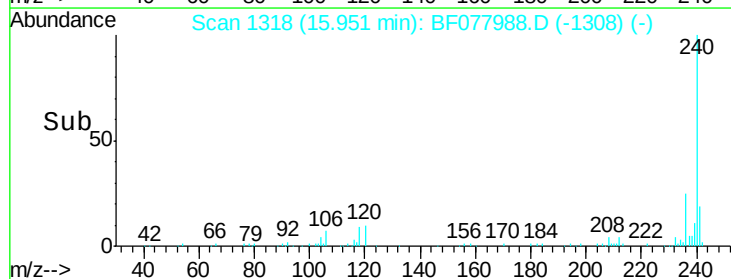
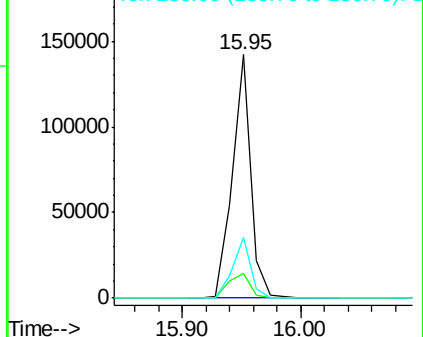


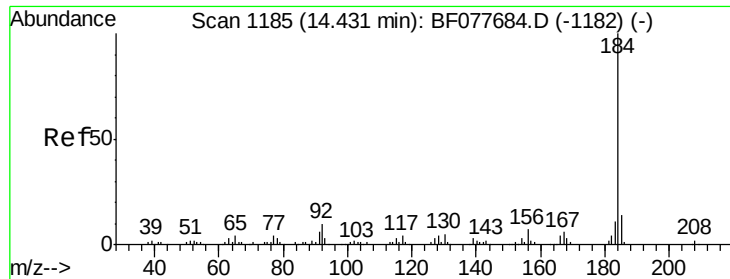
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Tgt Ion:240 Resp: 153412
Ion Ratio Lower Upper
240 100
120 10.3 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

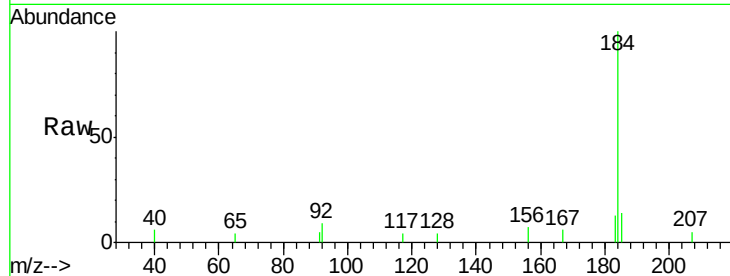




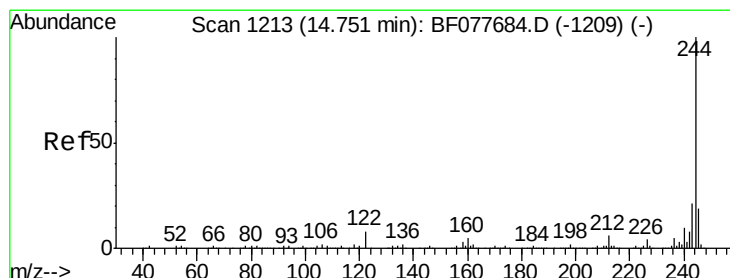
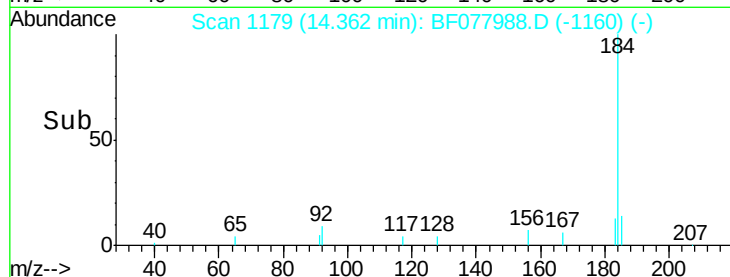
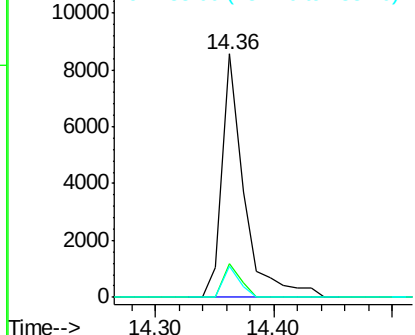
#76
Benzidine
Concen: 2.44 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.08 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:184 Resp: 10999
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.9 8.9 13.3

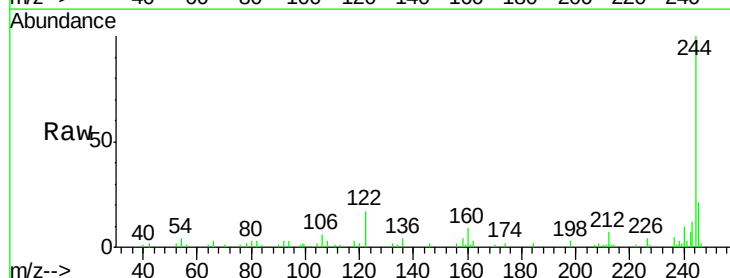


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

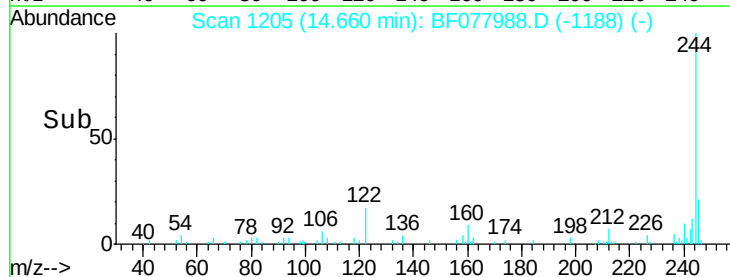
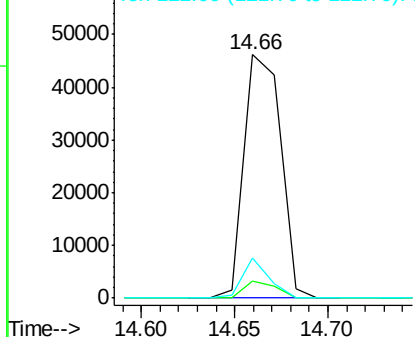


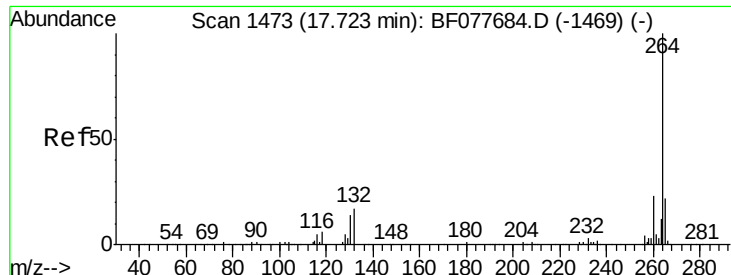
#78
Terphenyl-d14
Concen: 10.02 ng
RT: 14.66 min Scan# 1205
Delta R.T. -0.10 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Tgt Ion:244 Resp: 62959
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 16.6 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



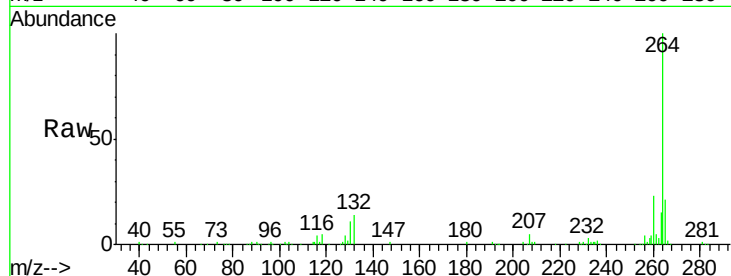


#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.42 min
Lab File: BF077988.D
Acq: 26 Mar 2015 10:21

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:264 Resp: 153613

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.7	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

