

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
 Data File : BF077786.D
 Acq On : 17 Mar 2015 22:09
 Operator : TP/IZ
 Sample : G1547-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615

Quant Time: Mar 18 03:21:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

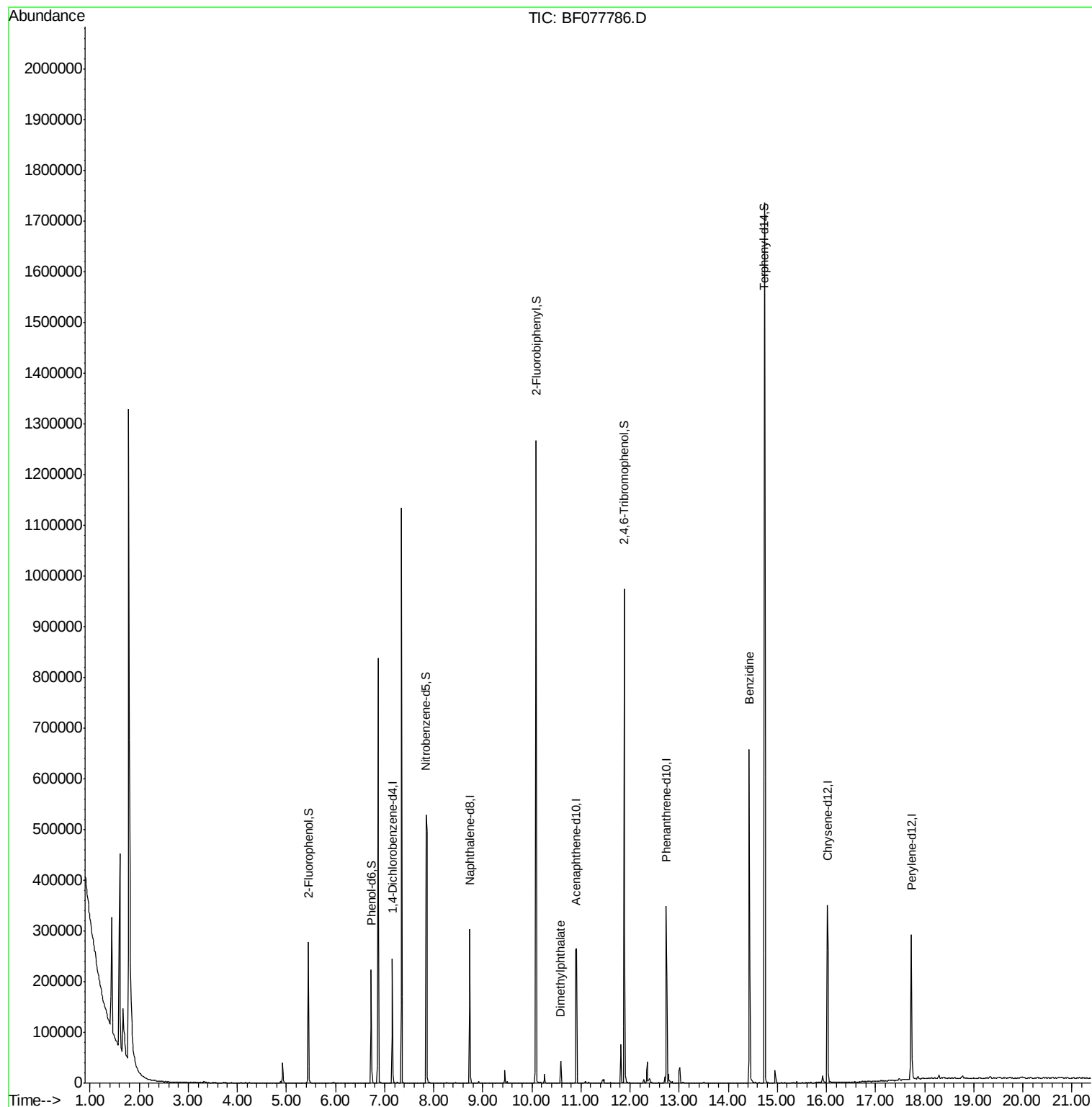
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42931	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	169505	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	83385	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	168411	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	178369	20.00	ng	-0.01
86) Perylene-d12	17.73	264	173647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	119993	48.79	ng	0.00
7) Phenol-d6	6.73	99	97537	32.10	ng	0.00
23) Nitrobenzene-d5	7.85	82	255656	98.87	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	121847	152.73	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	596247	105.08	ng	0.00
78) Terphenyl-d14	14.74	244	636253	87.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.59	163	19347	3.13	ng	98
76) Benzidine	14.43	184	280887	63.96	ng	98

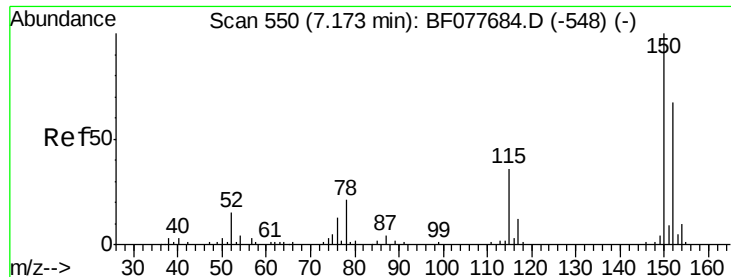
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031715\
Data File : BF077786.D
Acq On : 17 Mar 2015 22:09
Operator : TP/IZ
Sample : G1547-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097-31615

Quant Time: Mar 18 03:21:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 00:52:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

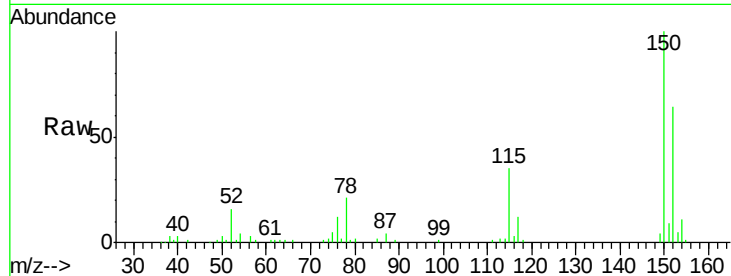
Tot Ion:152 Resp: 42931

Ion Ratio Lower Upper

152 100

150 155.6 119.5 179.3

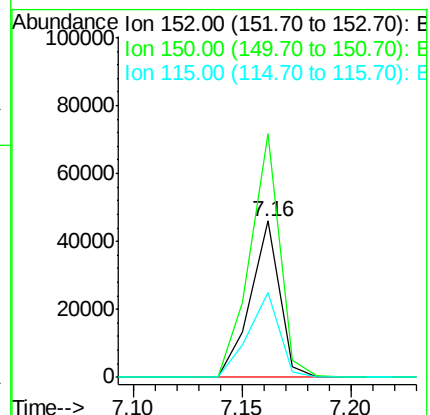
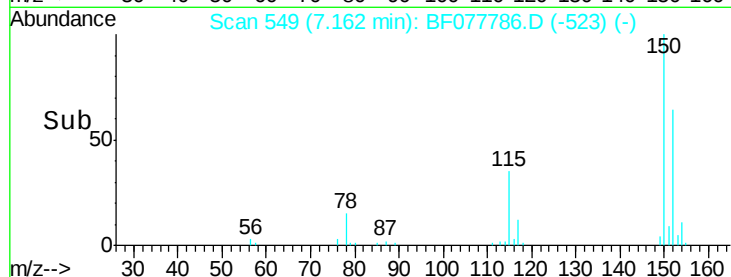
115 54.2 43.0 64.4



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: 48.79 ng

RT: 5.45 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

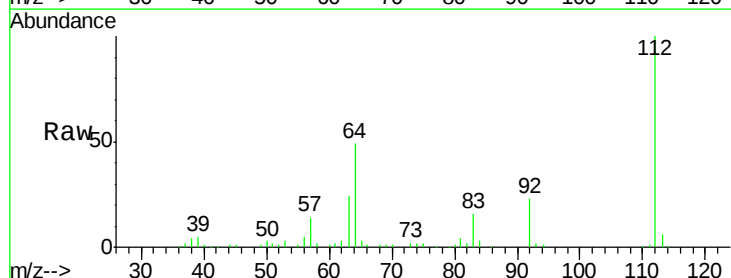
Tgt Ion:112 Resp: 119993

Ion Ratio Lower Upper

112 100

64 48.9 38.6 57.8

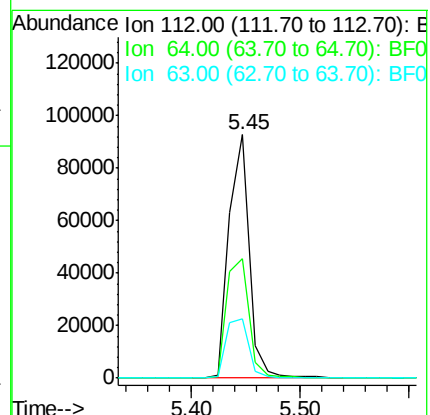
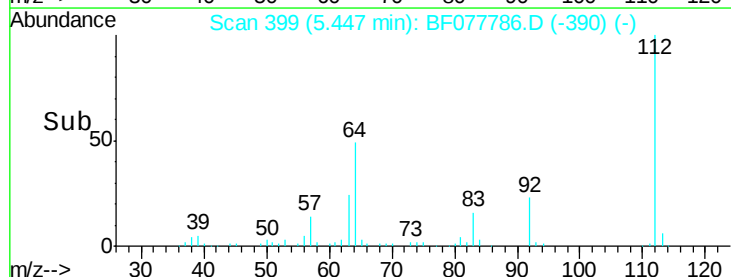
63 24.3 19.3 28.9



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: 32.10 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

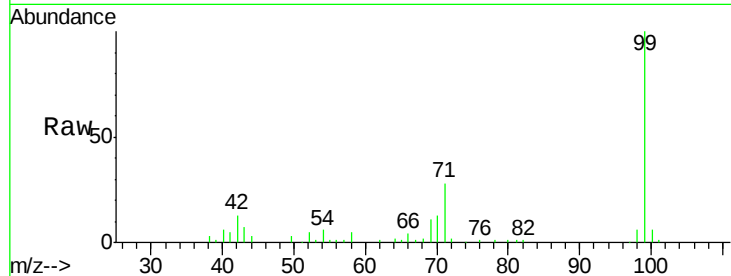
Tot Ion: 99 Resp: 97537

Ion Ratio Lower Upper

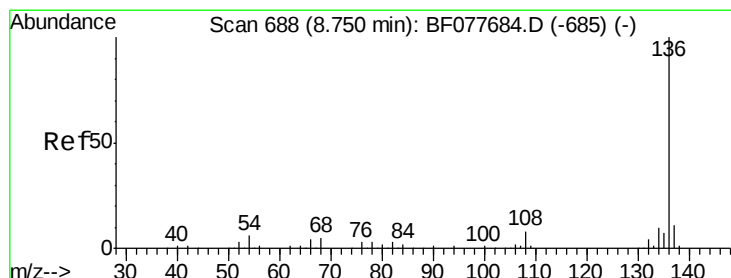
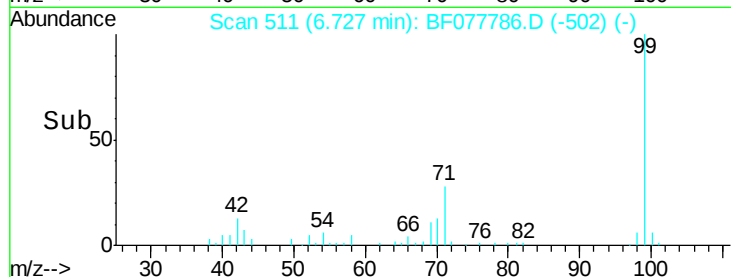
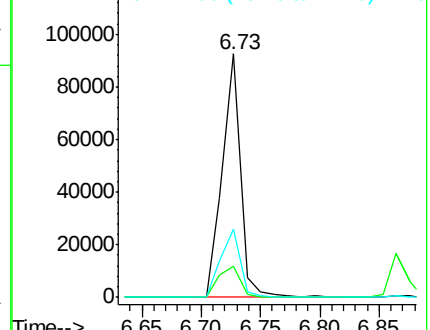
99 100

42 13.0 11.0 16.4

71 28.0 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: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Tgt Ion:136 Resp: 169505

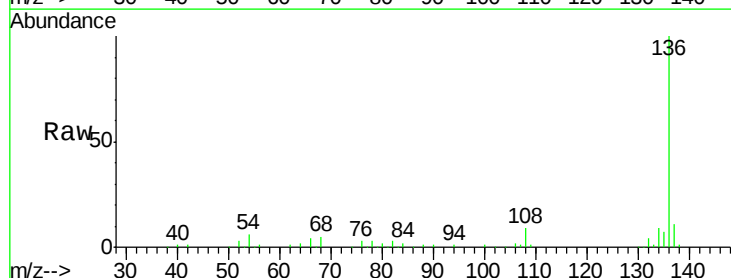
Ion Ratio Lower Upper

136 100

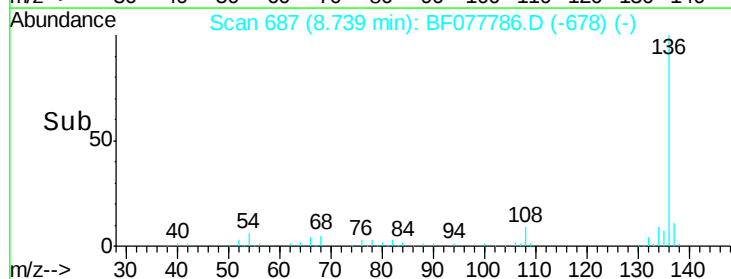
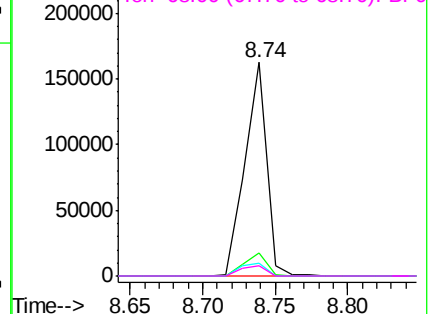
137 10.9 8.7 13.1

54 5.8 4.6 6.8

68 4.6 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

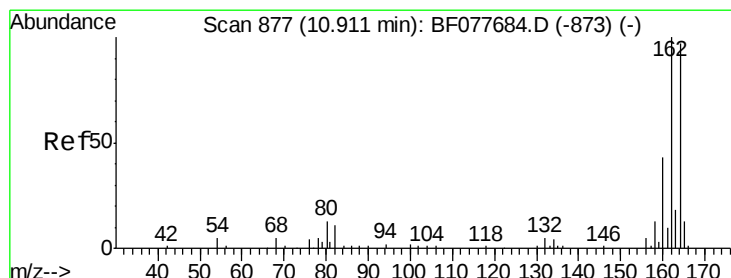
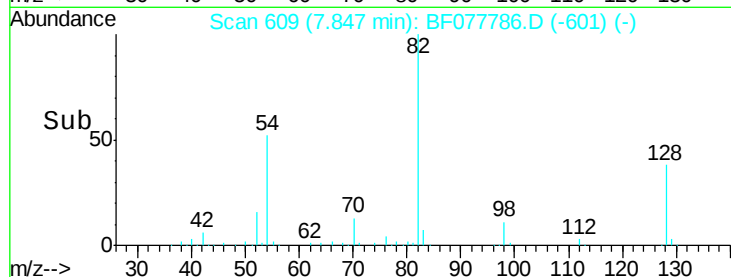
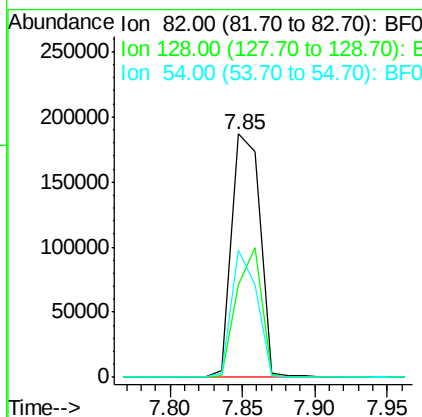
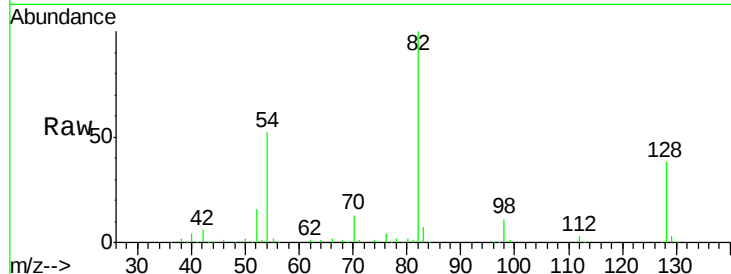




#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077786.D
 Acq: 17 Mar 2015 22:09

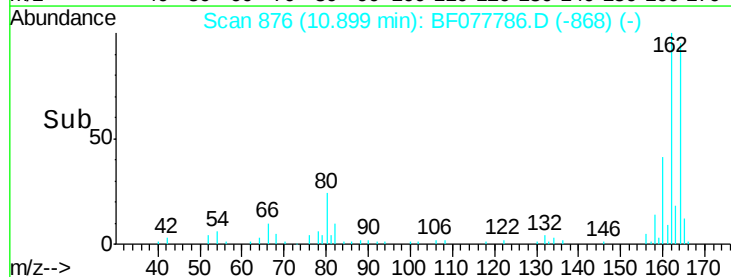
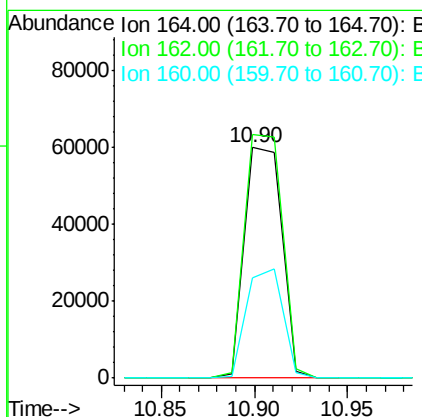
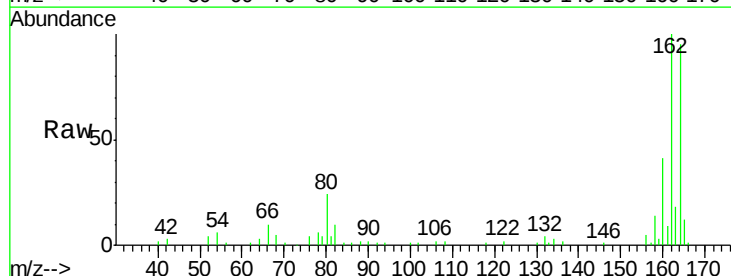
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615

Tot Ion	82	Resp	255656
Ion Ratio	Lower	Upper	
82	100		
128	38.0	32.8	49.2
54	52.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077786.D
 Acq: 17 Mar 2015 22:09

Tgt Ion	164	Resp	83385
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.4	123.6
160	43.3	35.8	53.6

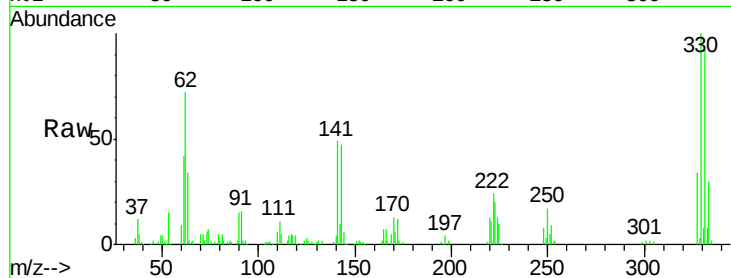




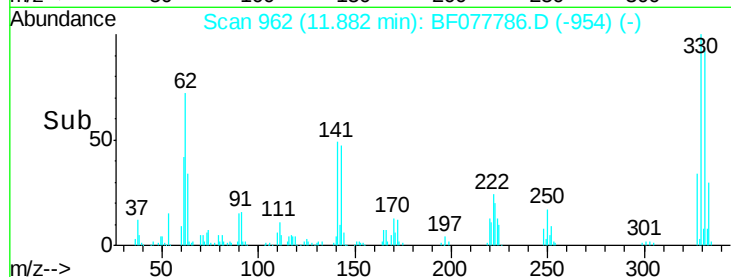
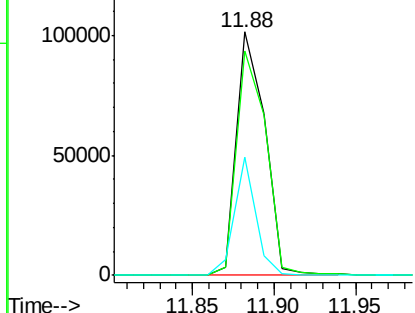
#41
 2,4,6-Tribromophenol
 Concen: 152.73 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077786.D
 Acq: 17 Mar 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097-31615

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	36.5	0.0	0.0#

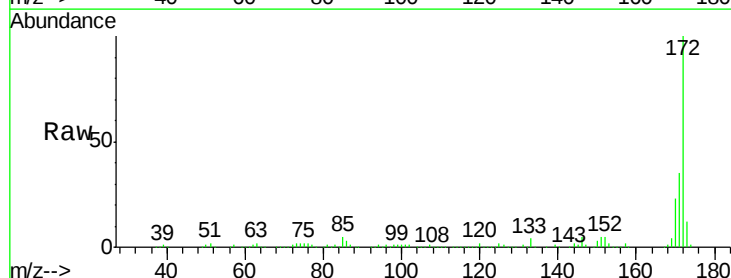


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

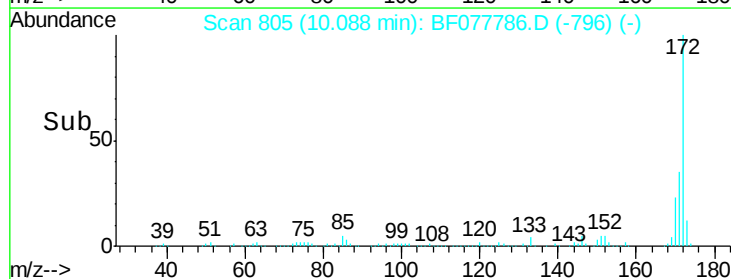
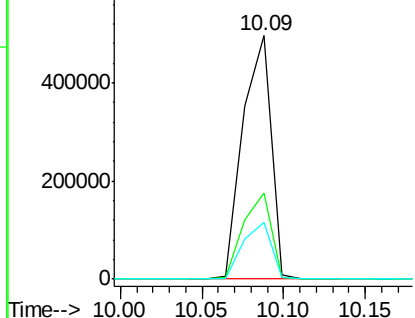


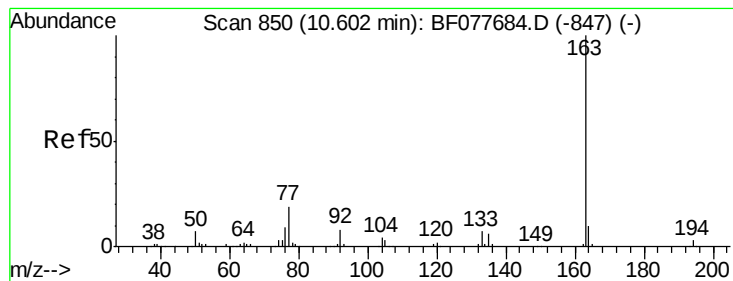
#44
 2-Fluorobiphenyl
 Concen: 105.08 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077786.D
 Acq: 17 Mar 2015 22:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.5	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





#49

Dimethylphthalate

Concen: 3.13 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

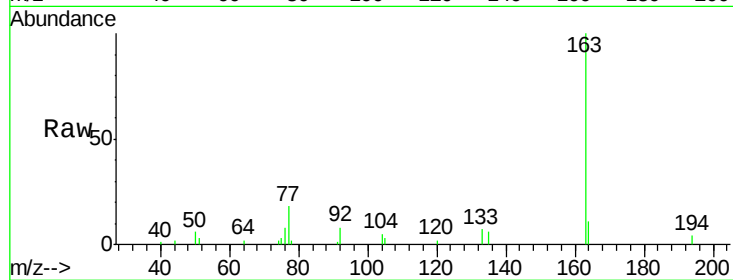
Tot Ion:163 Resp: 19347

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

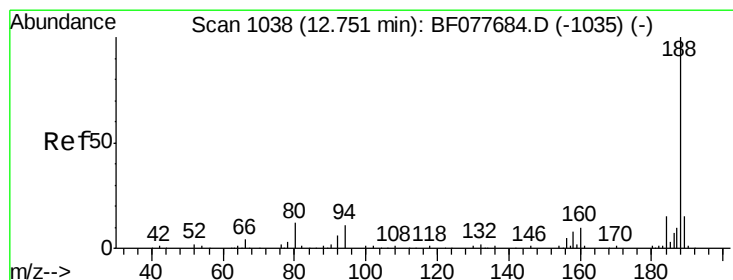
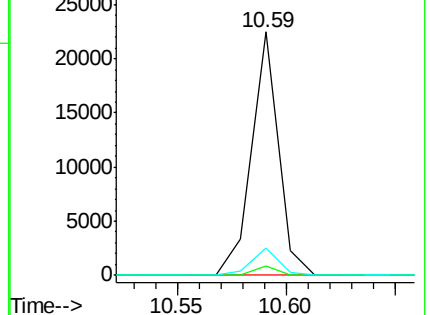
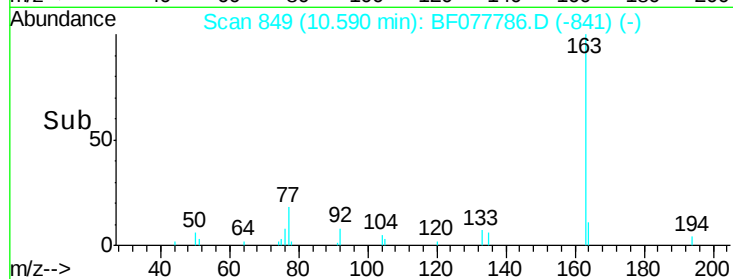
164 11.0 8.2 12.2



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: 12.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

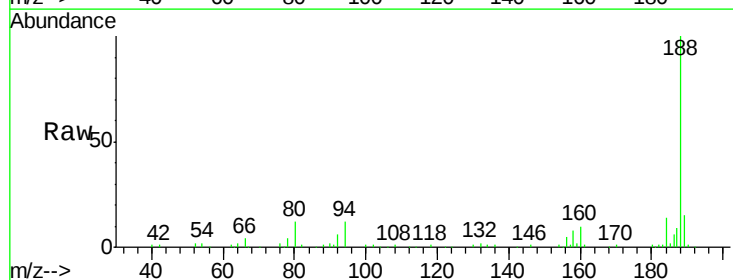
Tgt Ion:188 Resp: 168411

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

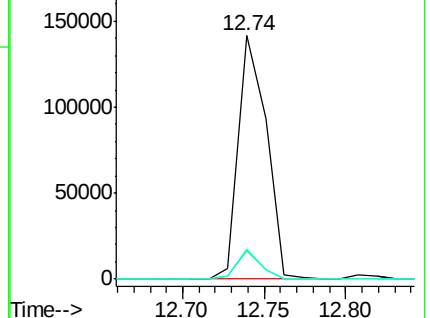
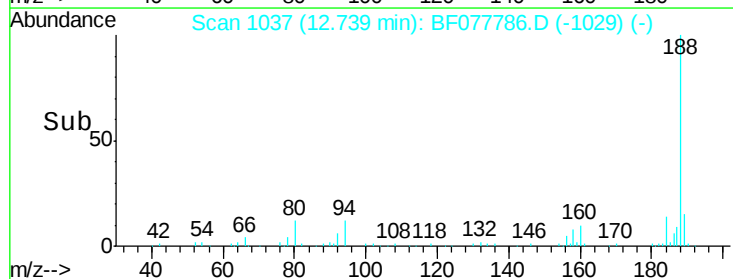
80 12.2 9.3 13.9

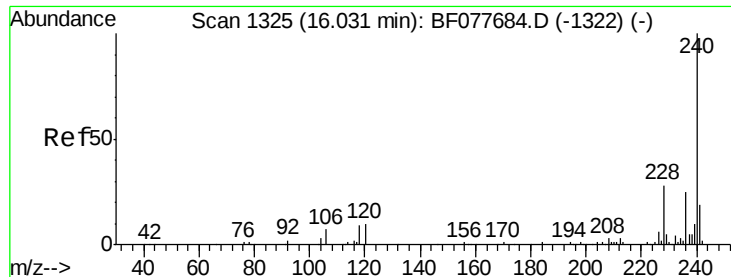


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

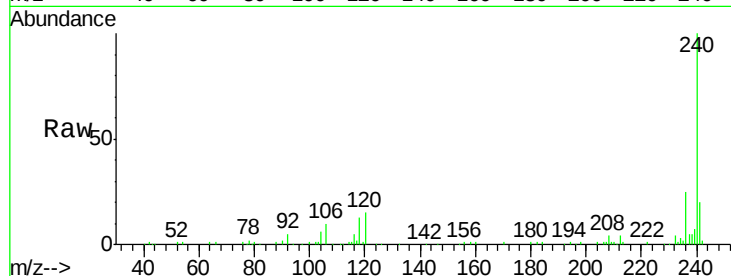
Tot Ion:240 Resp: 178369

Ion Ratio Lower Upper

240 100

120 15.0 8.2 12.2#

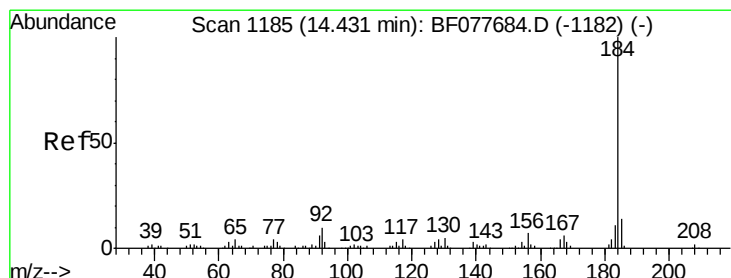
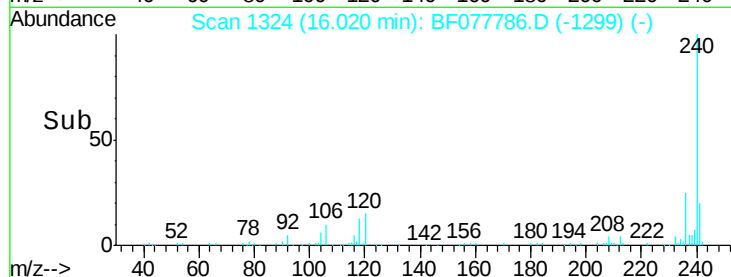
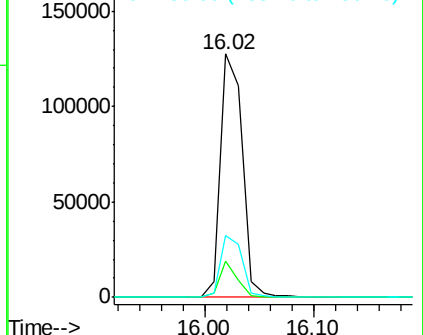
236 25.3 20.0 30.0



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: 63.96 ng

RT: 14.43 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

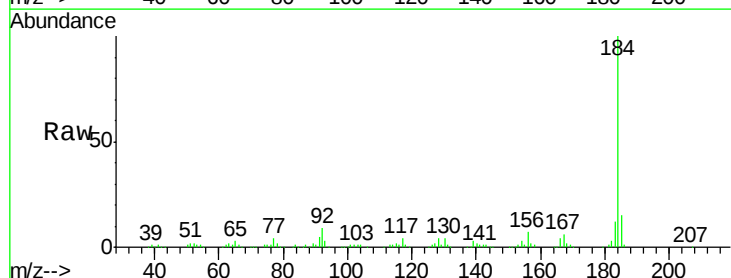
Tgt Ion:184 Resp: 280887

Ion Ratio Lower Upper

184 100

185 14.9 11.3 16.9

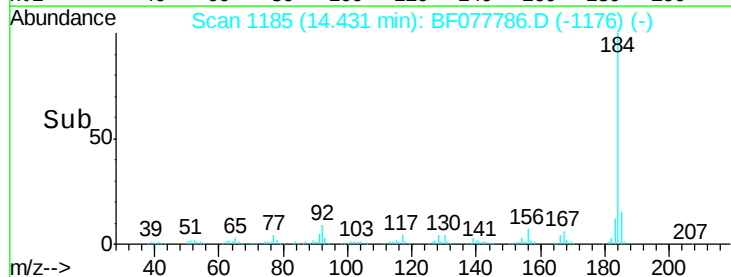
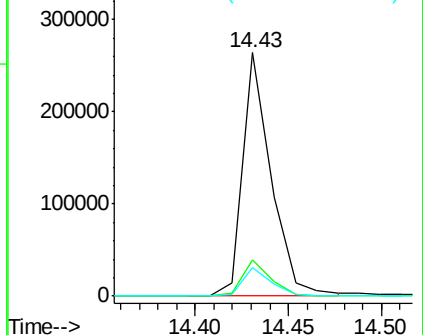
183 11.6 8.9 13.3

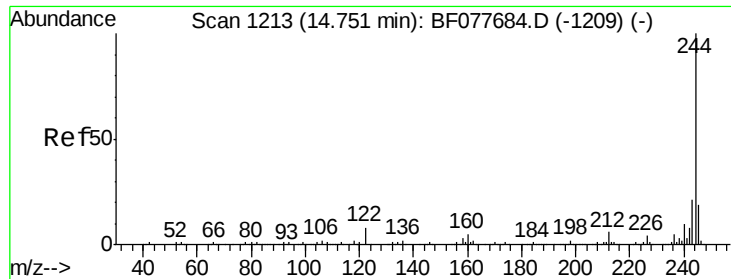


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.13 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097-31615

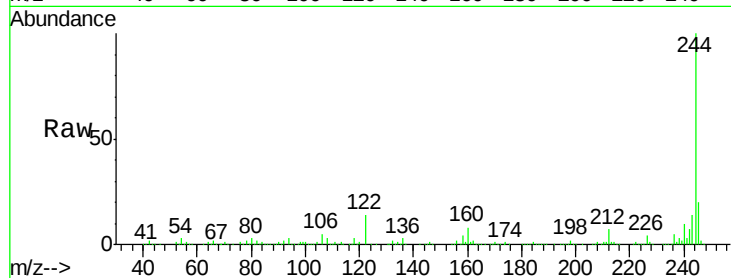
Tot Ion:244 Resp: 636253

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

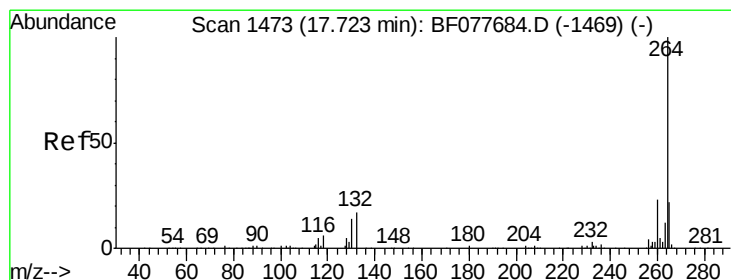
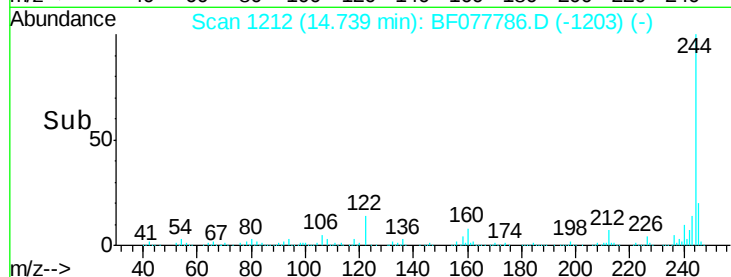
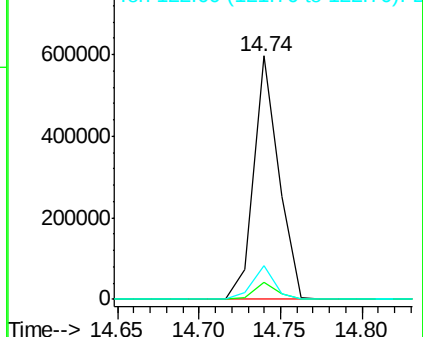
122 14.0 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 17.73 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF077786.D

Acq: 17 Mar 2015 22:09

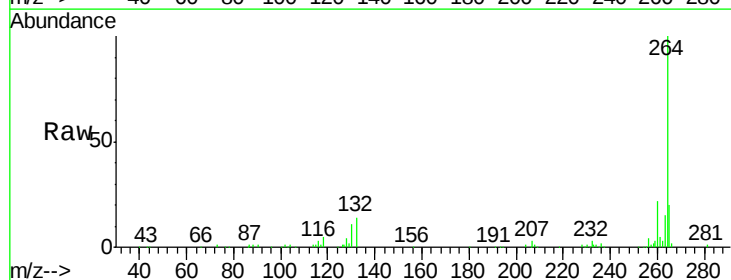
Tgt Ion:264 Resp: 173647

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 20.3 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

