

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077306.D
 Acq On : 13 Feb 2015 13:59
 Operator : TP/IZ
 Sample : G1258-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Feb 13 23:01:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

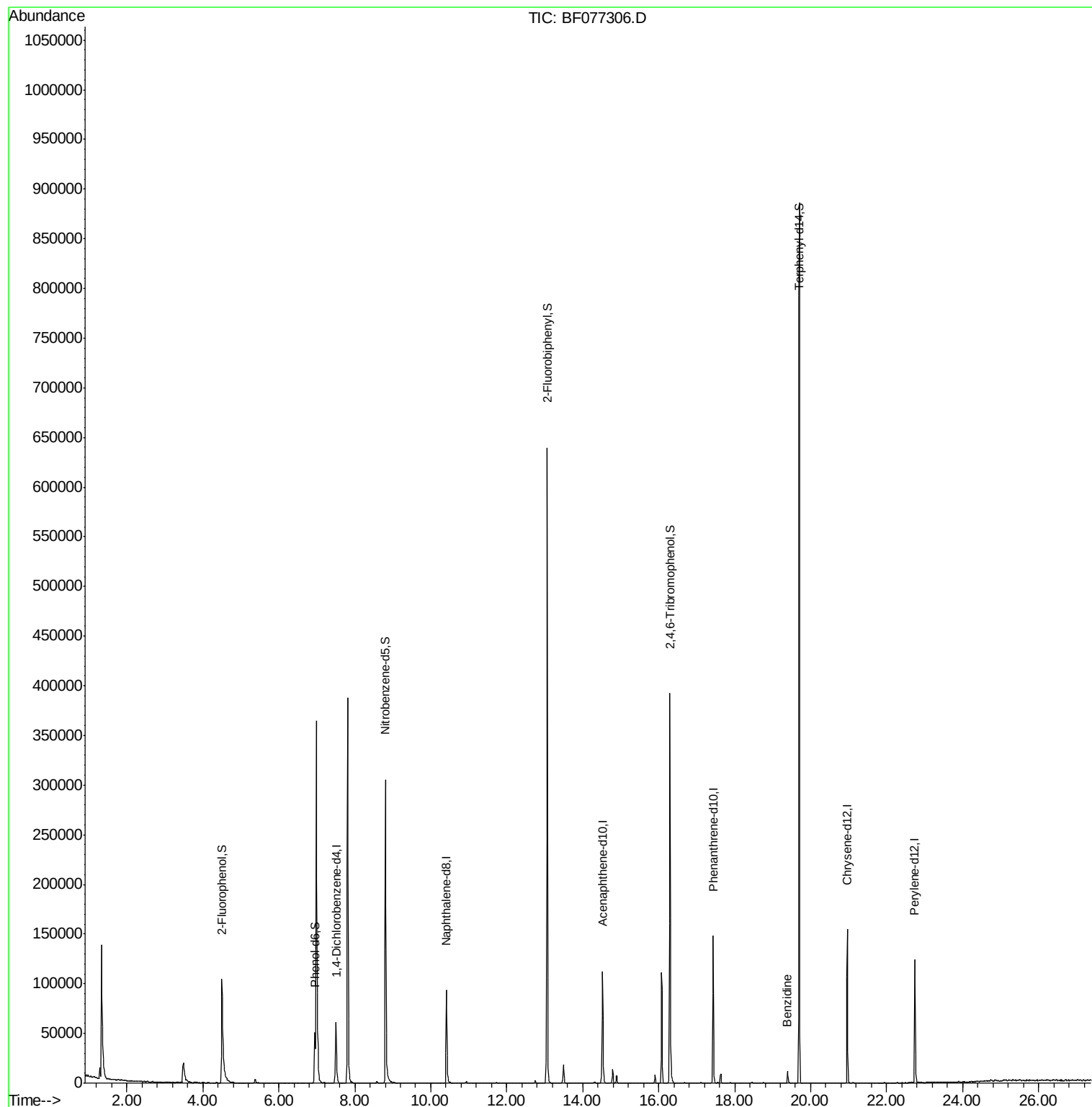
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	21625	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	88489	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	43607	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	84237	20.00	ng	0.00
75) Chrysene-d12	20.97	240	83699	20.00	ng	0.01
86) Perylene-d12	22.74	264	78036	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	81767	59.63	ng	0.01
7) Phenol-d6	6.94	99	62187	36.33	ng	0.01
23) Nitrobenzene-d5	8.81	82	167740	108.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	58450	164.37	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	363261	125.38	ng	-0.01
78) Terphenyl-d14	19.70	244	418346	112.27	ng	0.00
Target Compounds						
76) Benzidine	19.39	184	11648	3.43	ng	Qvalue 96

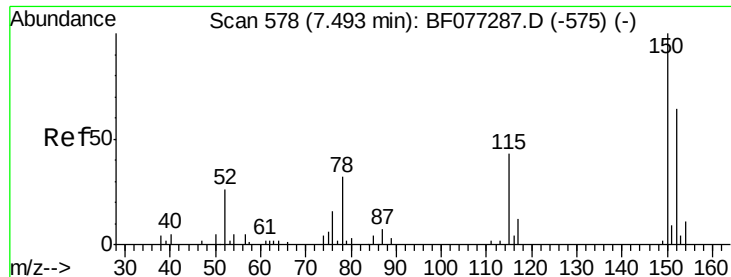
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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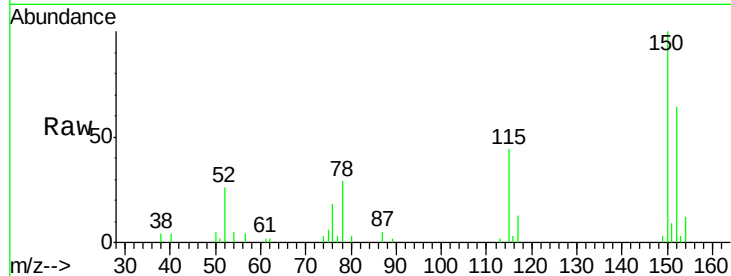


#1

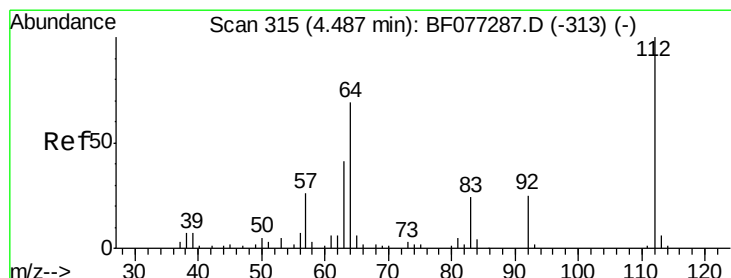
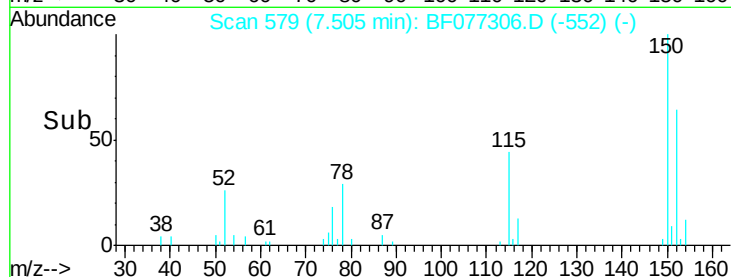
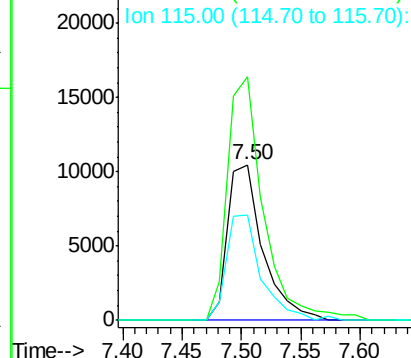
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Instrument :
BNA_F
ClientSampled :
FB

Tot Ion:152 Resp: 21625
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 68.0 54.1 81.1



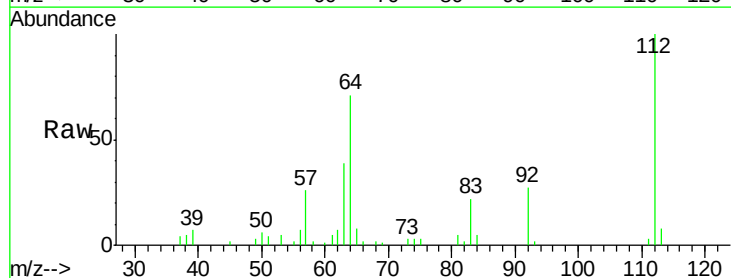
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



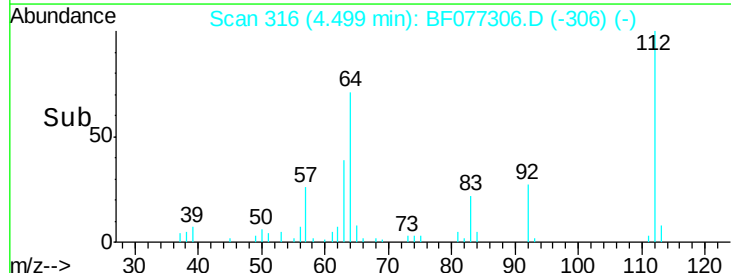
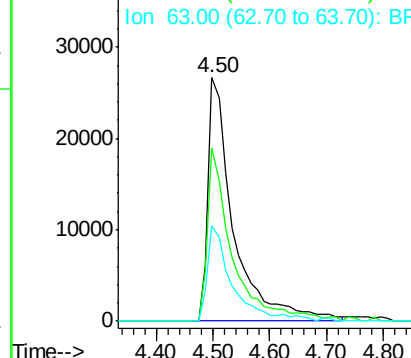
#5

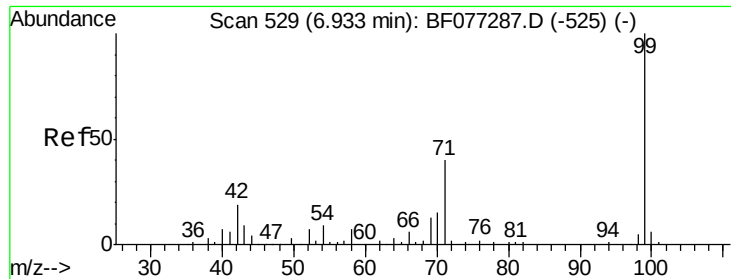
2-Fluorophenol
Concen: 59.63 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Tgt Ion:112 Resp: 81767
Ion Ratio Lower Upper
112 100
64 70.9 55.0 82.4
63 39.3 33.0 49.6



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: 36.33 ng

RT: 6.94 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF077306.D

Acq: 13 Feb 2015 13:59

Instrument :

BNA_F

ClientSampled :

FB

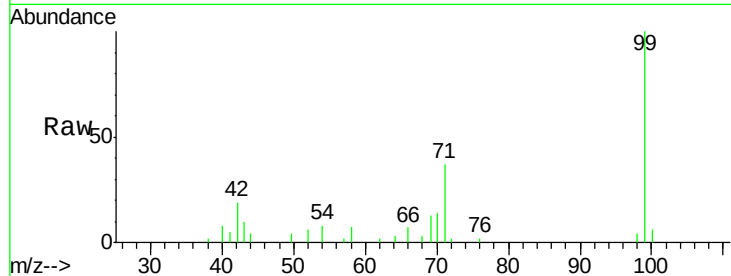
Tot Ion: 99 Resp: 62187

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

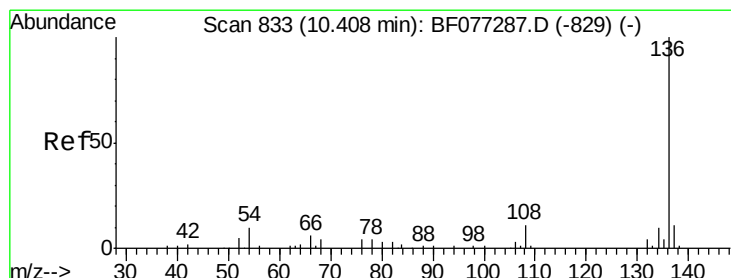
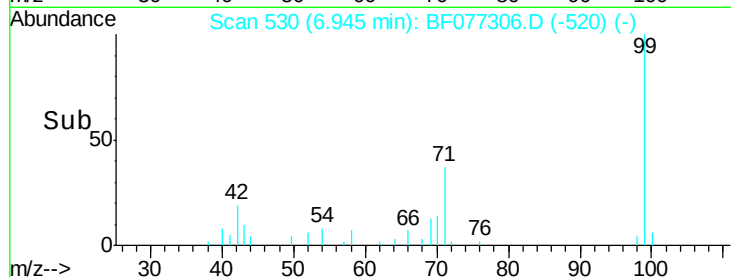
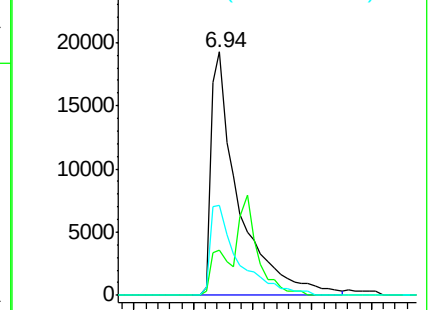
71 37.1 31.8 47.6



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: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077306.D

Acq: 13 Feb 2015 13:59

Tgt Ion: 136 Resp: 88489

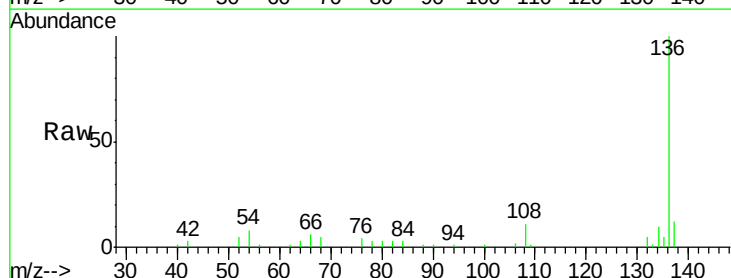
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 7.7 8.2 12.2#

68 5.3 3.1 4.7#

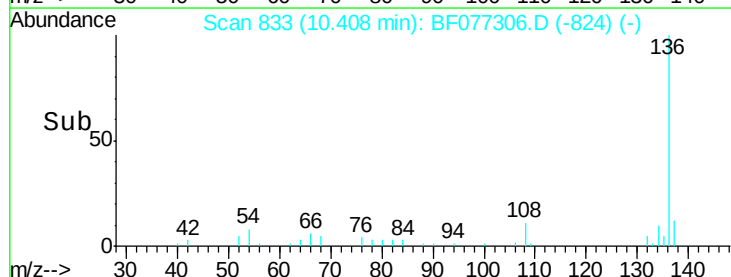
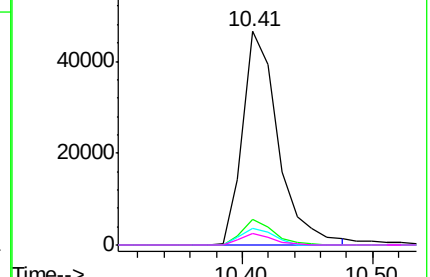


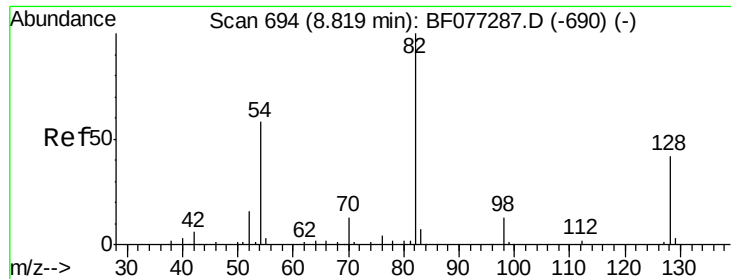
Abundance Ion 136.00 (135.70 to 136.70): E

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

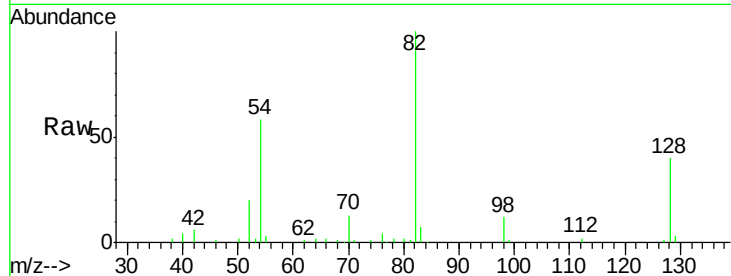




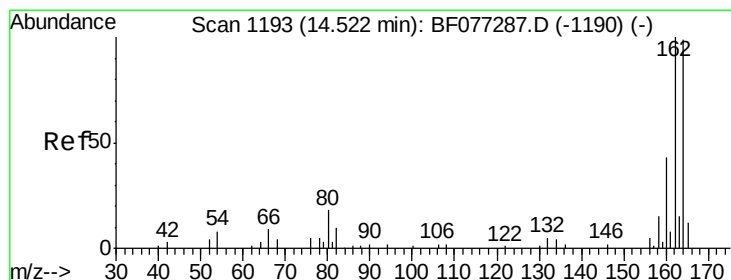
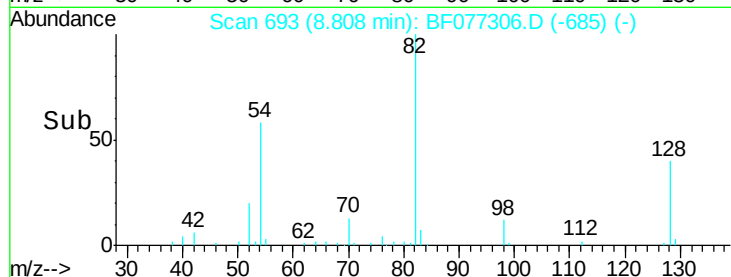
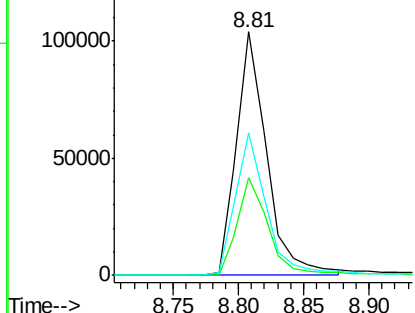
#23
 Nitrobenzene-d5
 Concen: 108.28 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077306.D
 Acq: 13 Feb 2015 13:59

Instrument :
 BNA_F
 ClientSampled :
 FB

Tot Ion: 82 Resp: 167740
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.6 50.4
 54 58.5 46.2 69.2

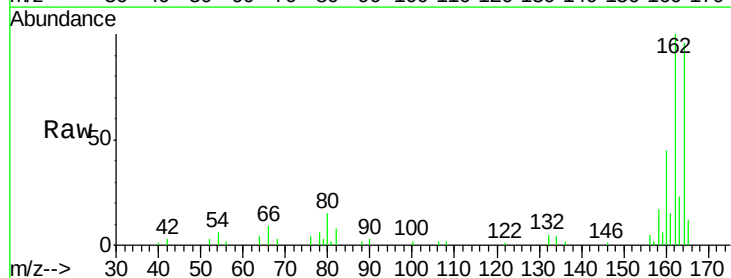


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

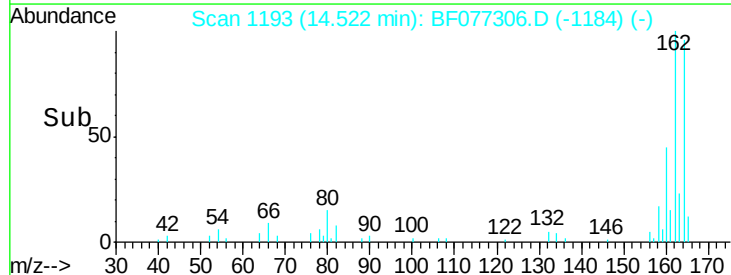
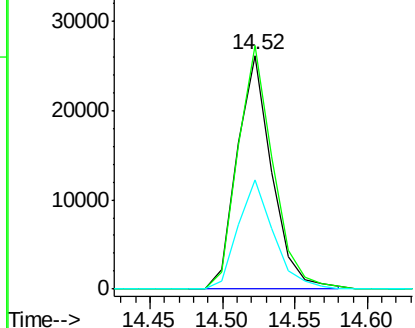


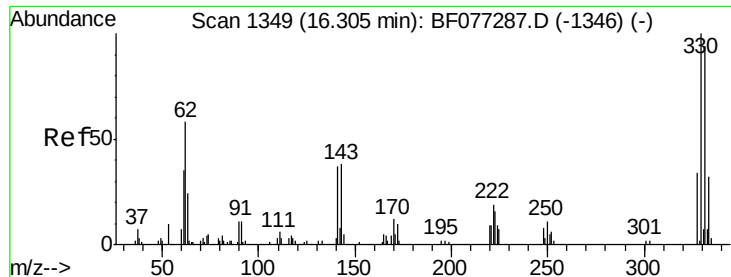
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF077306.D
 Acq: 13 Feb 2015 13:59

Tgt Ion:164 Resp: 43607
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.0 121.4
 160 47.0 35.2 52.8



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: 164.37 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF077306.D

Acq: 13 Feb 2015 13:59

Instrument :

BNA_F

ClientSampled :

FB

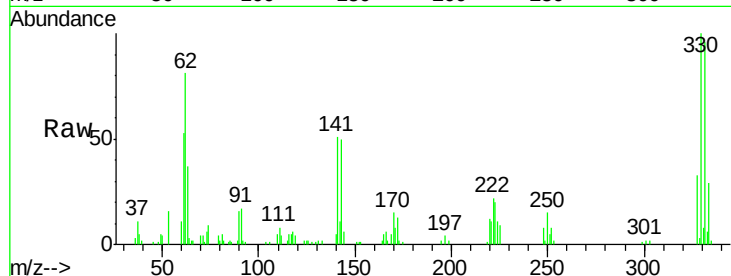
Tot Ion:330 Resp: 58450

Ion Ratio Lower Upper

330 100

332 94.4 0.0 0.0#

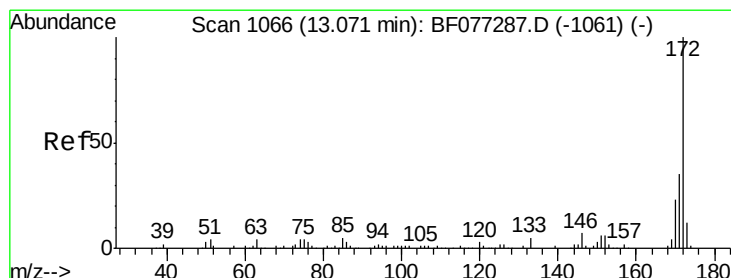
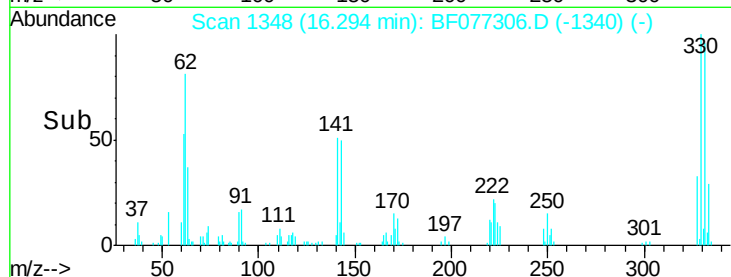
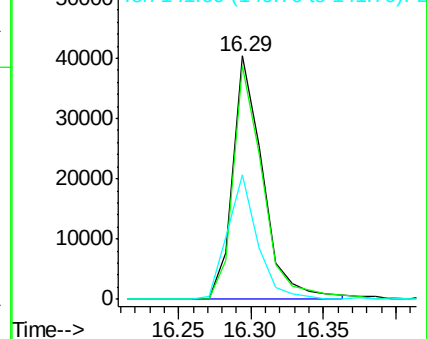
141 51.0 0.0 0.0#



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: 125.38 ng

RT: 13.06 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF077306.D

Acq: 13 Feb 2015 13:59

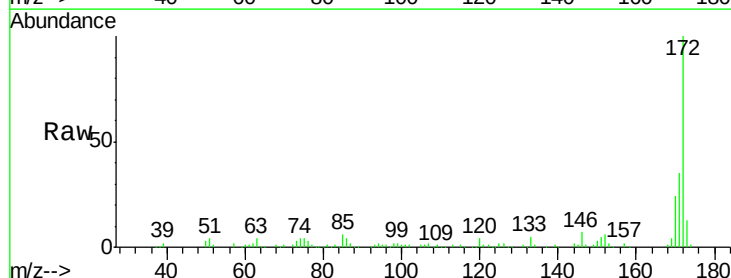
Tgt Ion:172 Resp: 363261

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

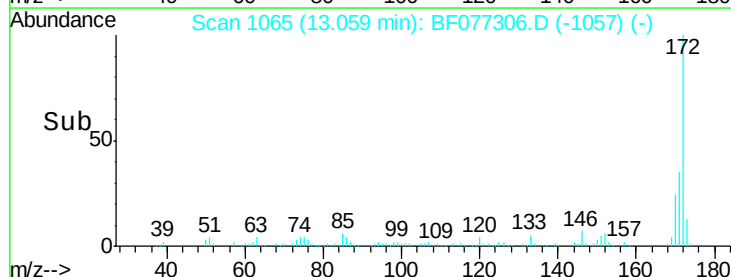
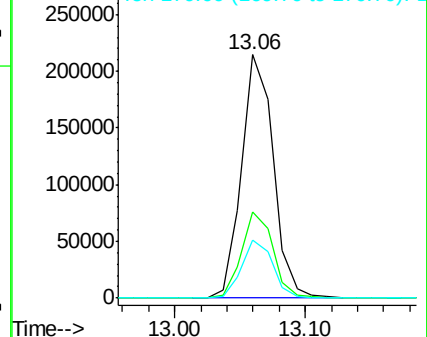
170 23.8 18.3 27.5

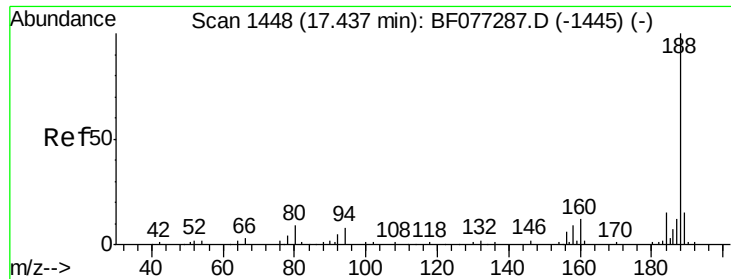


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

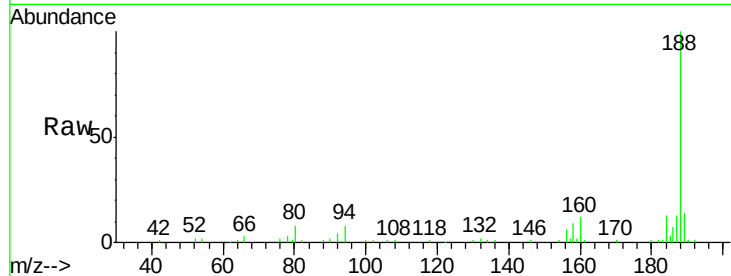




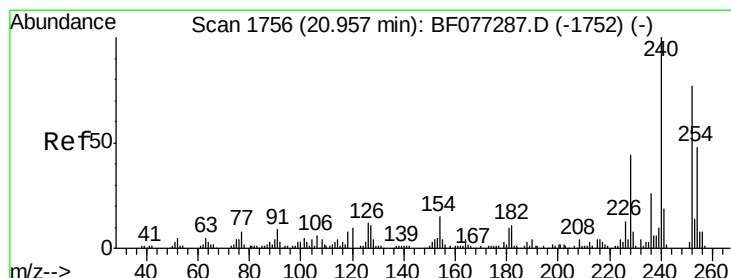
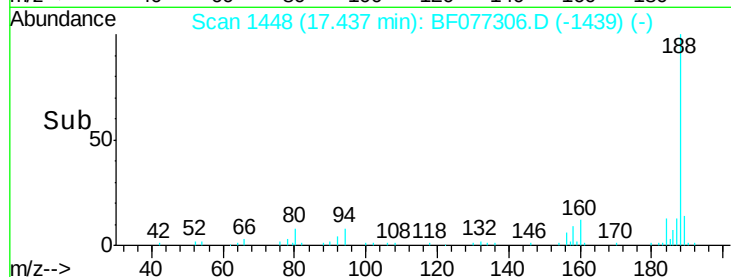
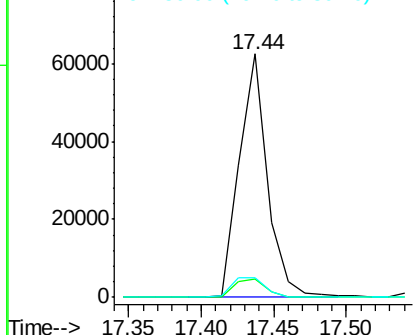
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:188 Resp: 84237
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 7.9 7.1 10.7

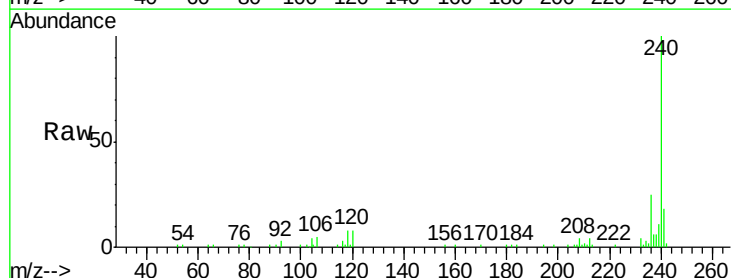


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

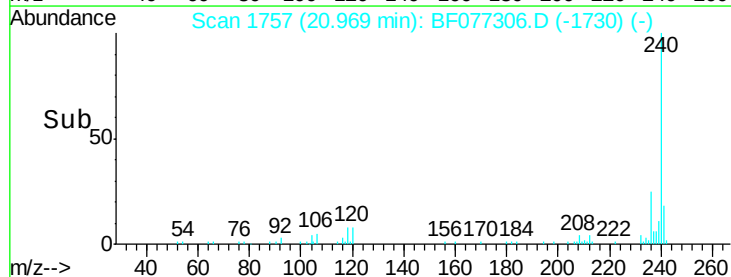
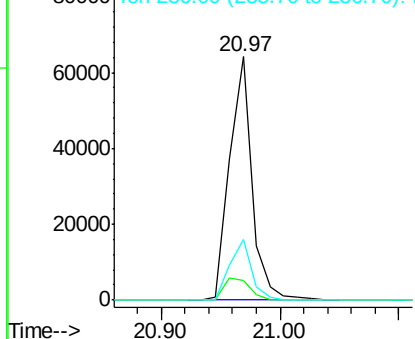


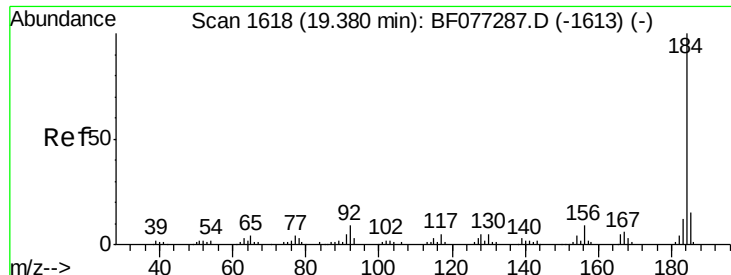
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.97 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Tgt Ion:240 Resp: 83699
Ion Ratio Lower Upper
240 100
120 8.0 7.8 11.8
236 24.7 20.4 30.6



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

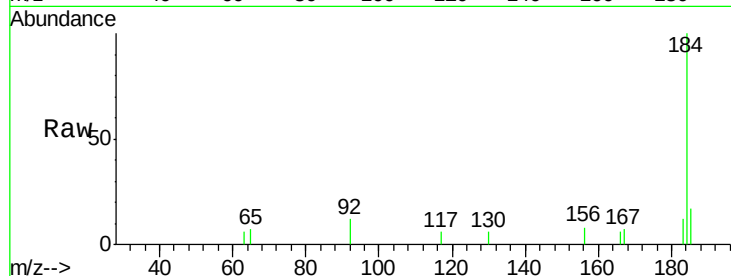




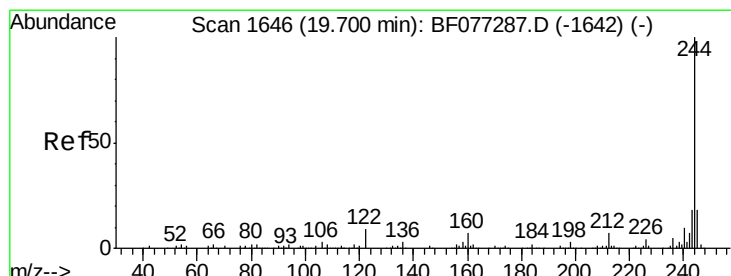
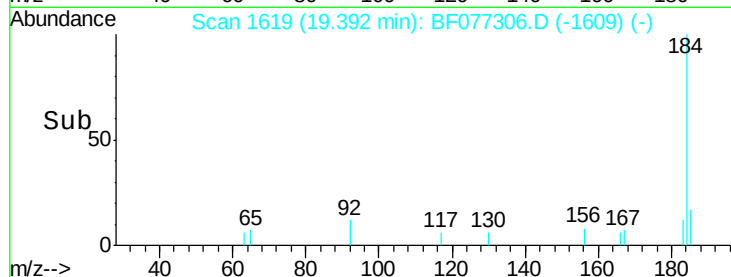
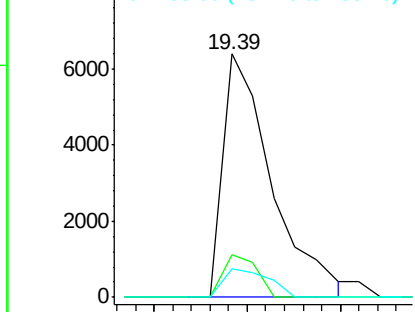
#76
Benzidine
Concen: 3.43 ng
RT: 19.39 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:184 Resp: 11648
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 11.6 9.3 13.9

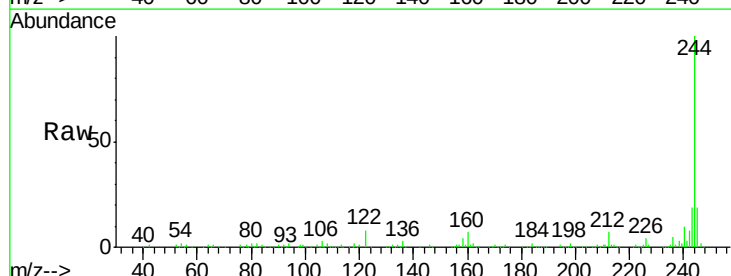


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

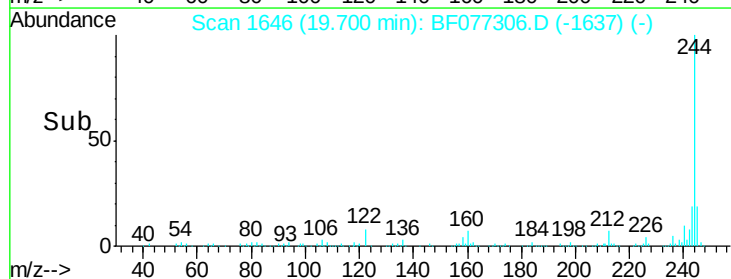
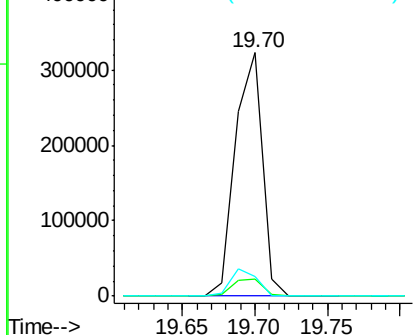


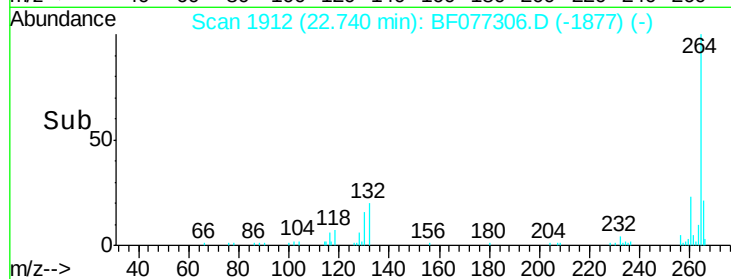
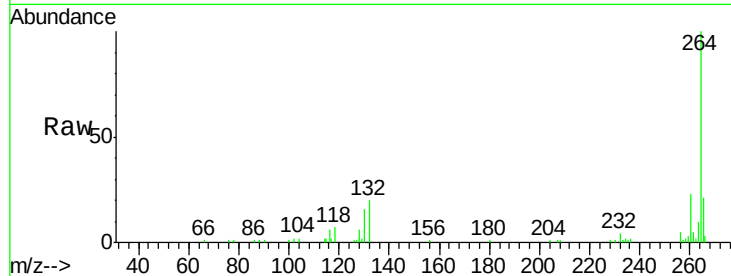
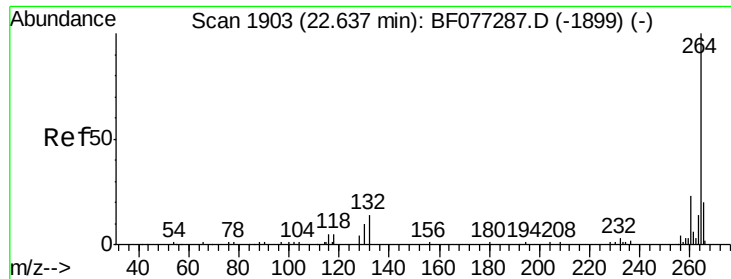
#78
Terphenyl-d14
Concen: 112.27 ng
RT: 19.70 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF077306.D
Acq: 13 Feb 2015 13:59

Tgt Ion:244 Resp: 418346
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 8.3 7.0 10.4



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: 22.74 min Scan# 1912
 Delta R.T. 0.10 min
 Lab File: BF077306.D
 Acq: 13 Feb 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:	264	Resp:	78036
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.2	16.2	24.2

