

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077308.D
 Acq On : 13 Feb 2015 15:08
 Operator : TP/IZ
 Sample : PB81726TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81726TB

Quant Time: Feb 13 23:32:52 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	22901	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	89518	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	44843	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	83524	20.00	ng	0.00
75) Chrysene-d12	20.96	240	84523	20.00	ng	0.00
86) Perylene-d12	22.68	264	79262	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	195998	133.26	ng	0.01
7) Phenol-d6	6.92	99	249497	137.65	ng	-0.01
23) Nitrobenzene-d5	8.81	82	149091	95.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	49901	136.46	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	316142	106.11	ng	-0.01
78) Terphenyl-d14	19.69	244	338115	89.85	ng	-0.01

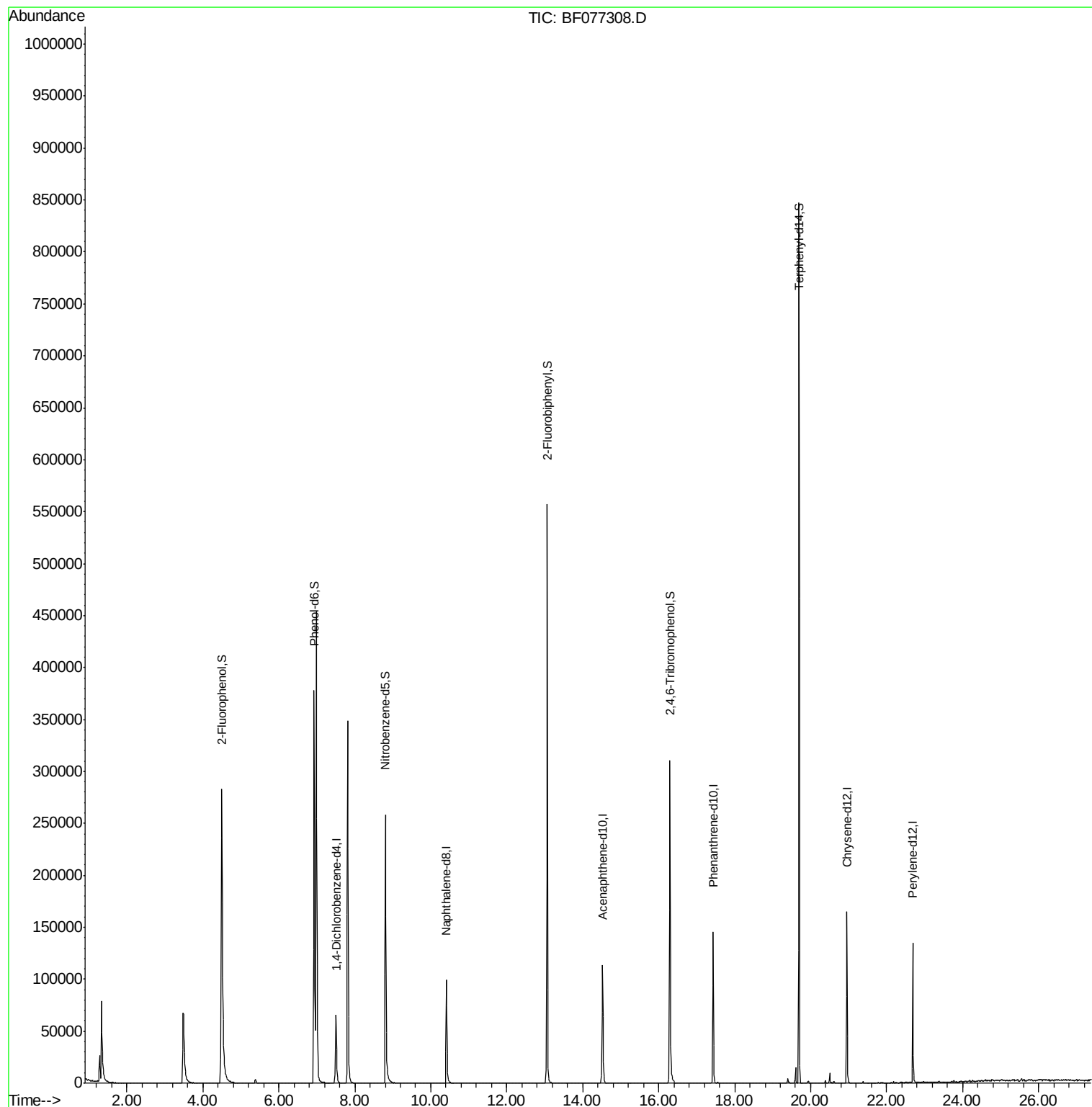
Target Compounds Qvalue

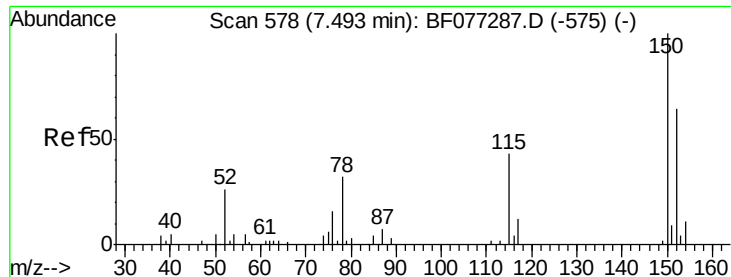
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 13 13:10:36 2015
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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: BF077308.D

Acq: 13 Feb 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81726TB

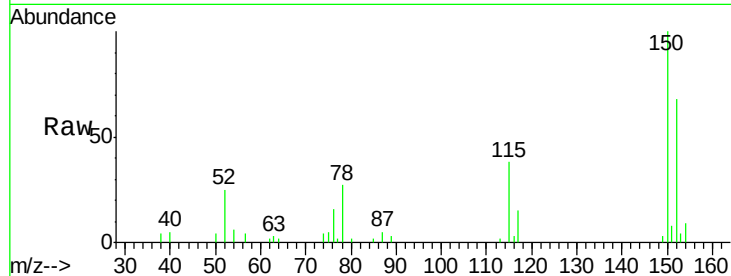
Tot Ion:152 Resp: 22901

Ion Ratio Lower Upper

152 100

150 146.8 124.9 187.3

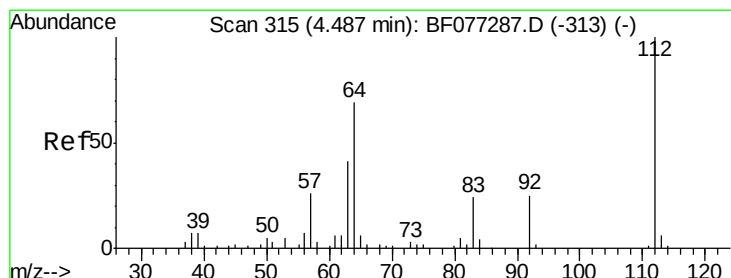
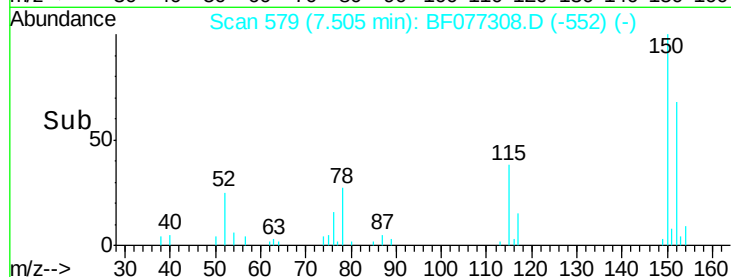
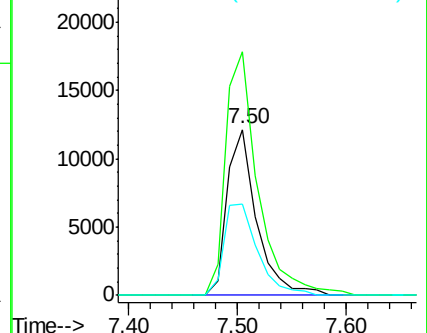
115 55.3 54.1 81.1



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: 133.26 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077308.D

Acq: 13 Feb 2015 15:08

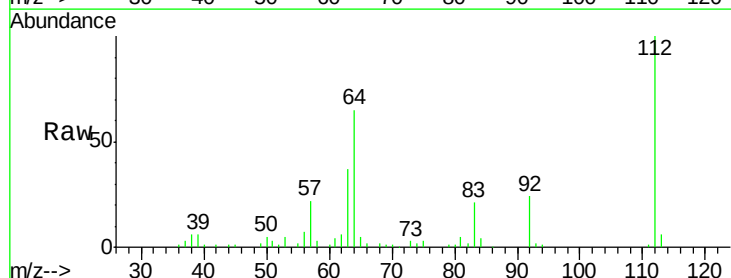
Tgt Ion:112 Resp: 195998

Ion Ratio Lower Upper

112 100

64 64.7 55.0 82.4

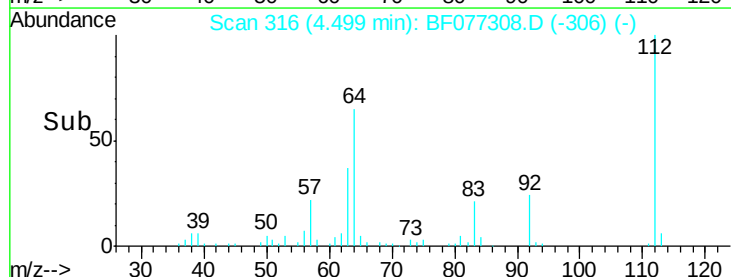
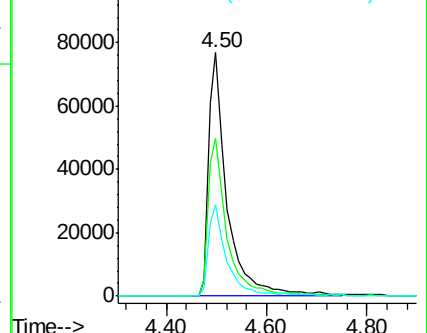
63 37.5 33.0 49.6

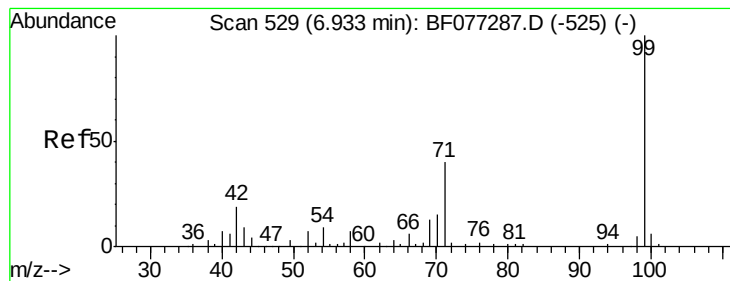


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.65 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077308.D

Acq: 13 Feb 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81726TB

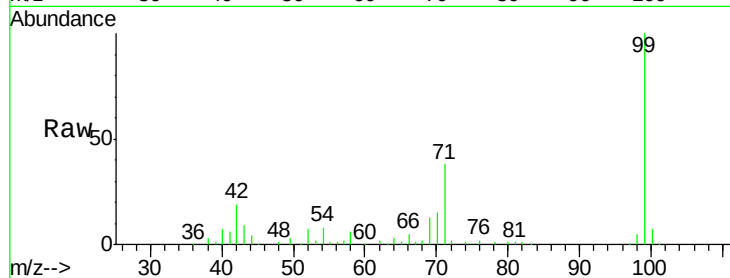
Tot Ion: 99 Resp: 249497

Ion Ratio Lower Upper

99 100

42 18.9 15.0 22.4

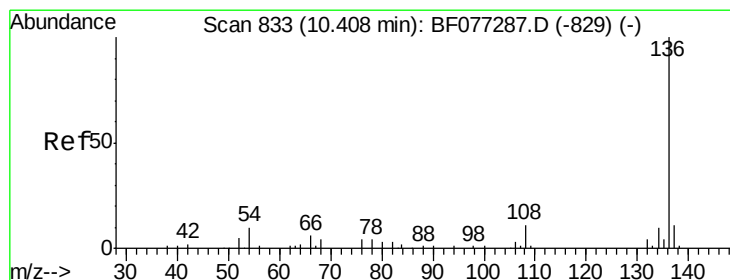
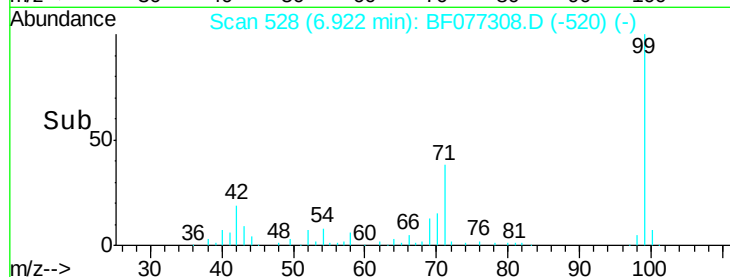
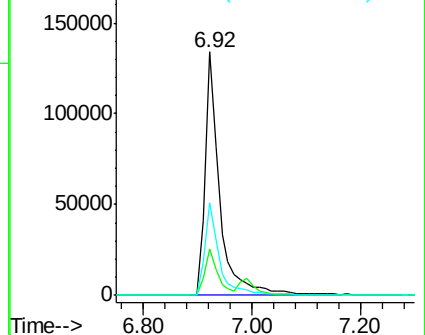
71 38.0 31.8 47.6



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: BF077308.D

Acq: 13 Feb 2015 15:08

Tgt Ion: 136 Resp: 89518

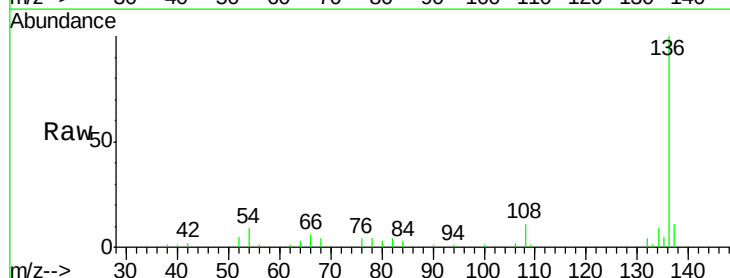
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.1 8.2 12.2

68 4.4 3.1 4.7

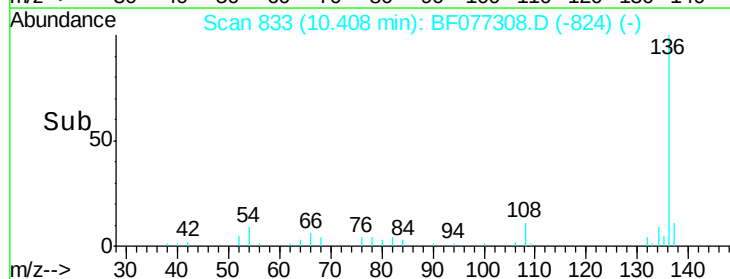
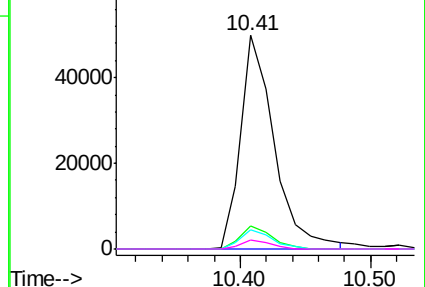


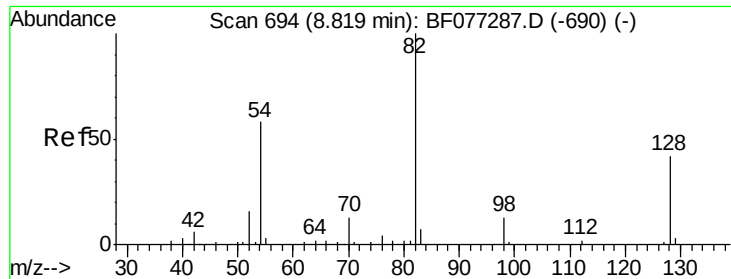
Abundance Ion 136.00 (135.70 to 136.70): E

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

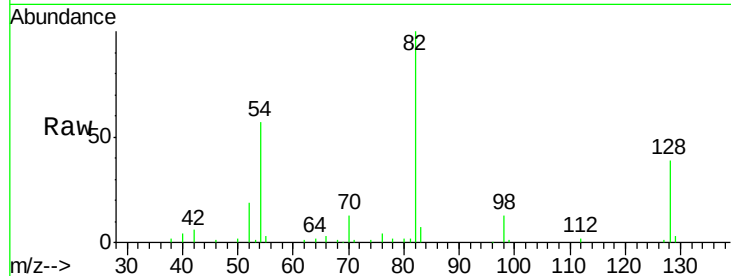




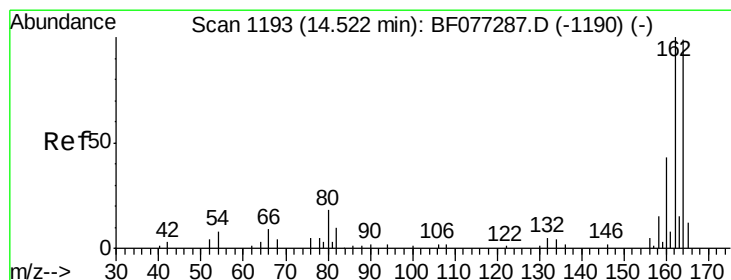
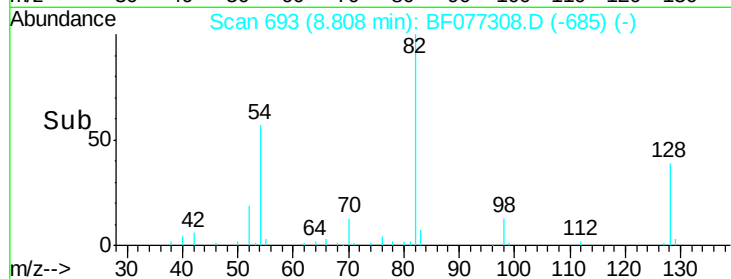
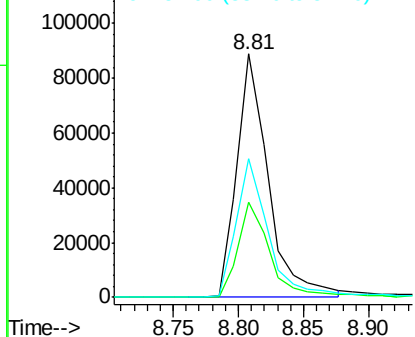
#23
 Nitrobenzene-d5
 Concen: 95.14 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

Instrument :
 BNA_F
 ClientSampleID :
 PB81726TB

Tot Ion	82	Resp	149091
Ion Ratio	100	Lower	Upper
128	38.9	33.6	50.4
54	57.1	46.2	69.2

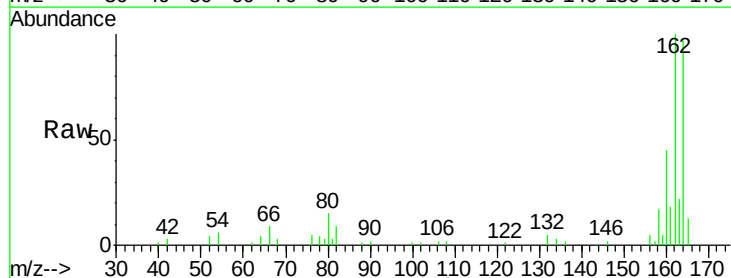


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

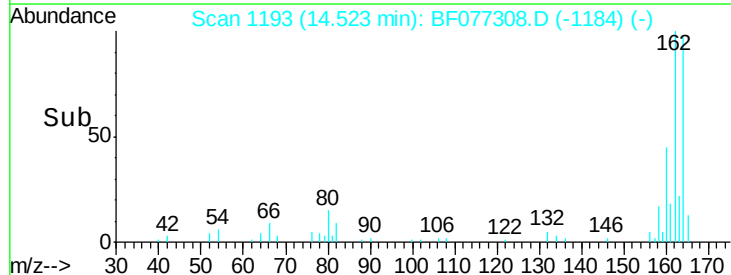
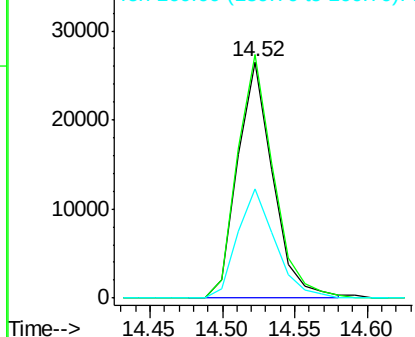


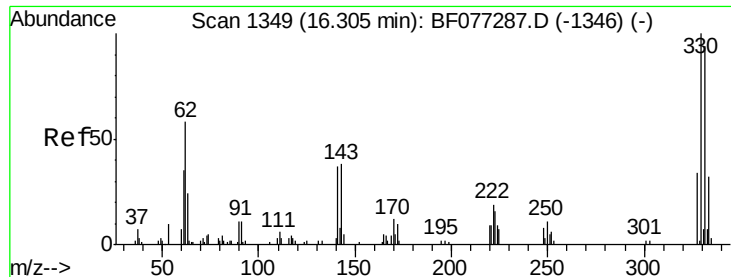
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

Tgt Ion	164	Resp	44843
Ion Ratio	100	Lower	Upper
162	103.0	81.0	121.4
160	46.1	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

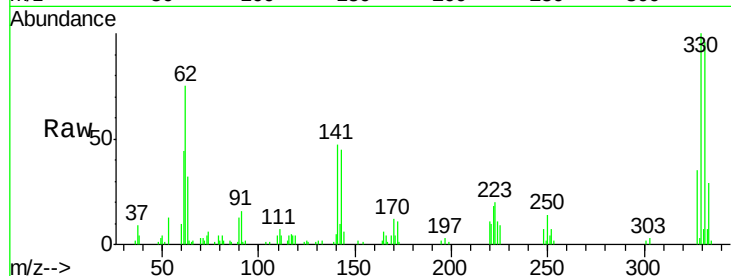




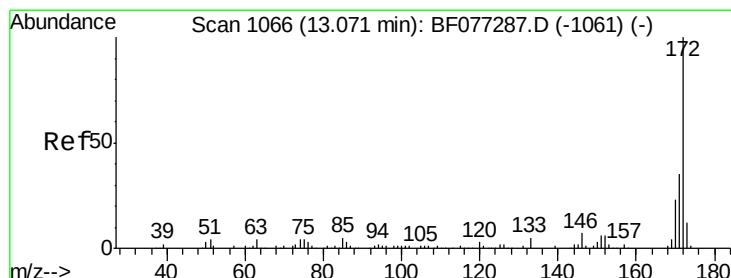
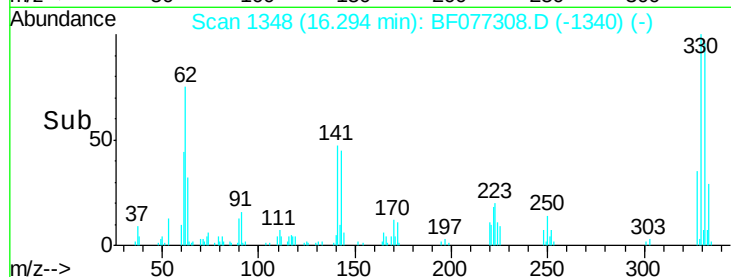
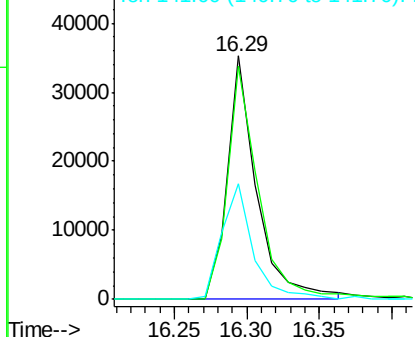
#41
 2,4,6-Tribromophenol
 Concen: 136.46 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81726TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	50.4	0.0	0.0#

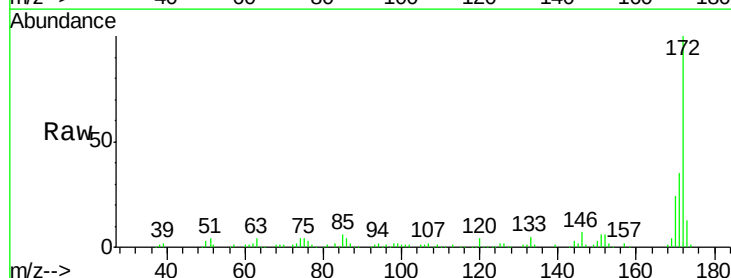


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

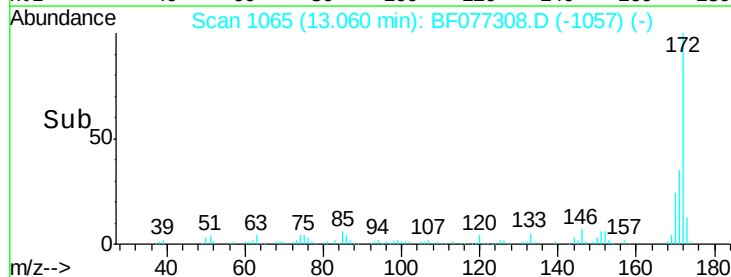
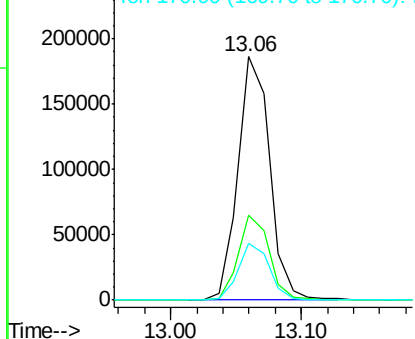


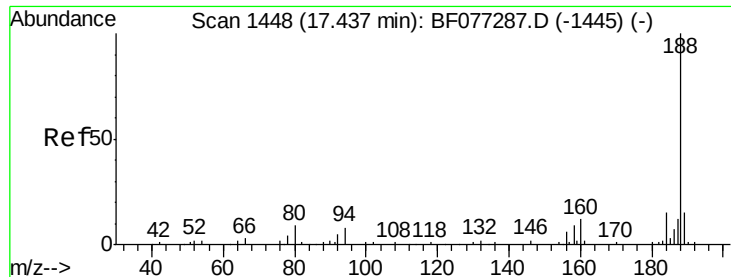
#44
 2-Fluorobiphenyl
 Concen: 106.11 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.5	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

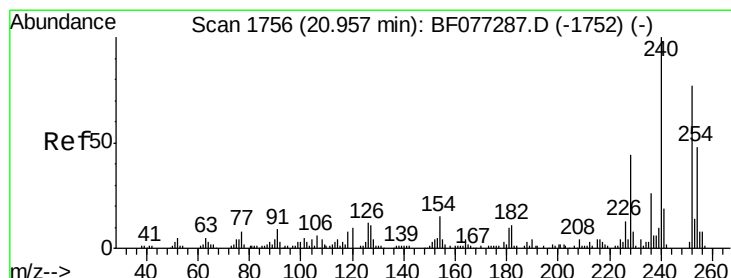
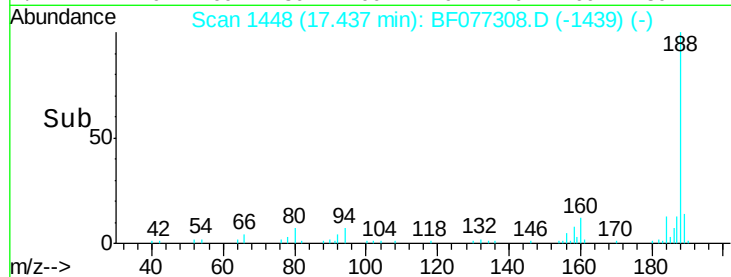
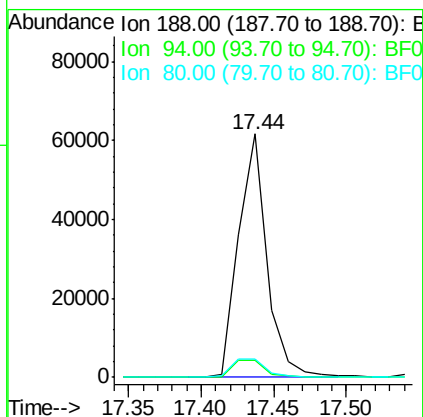
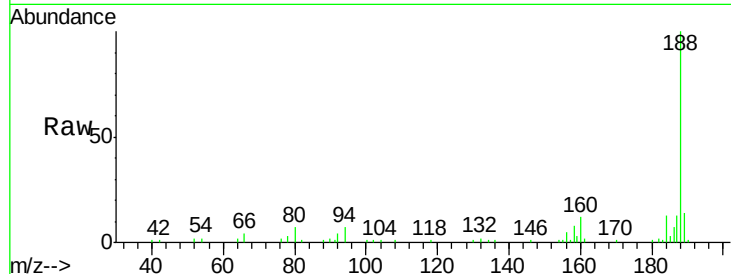




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

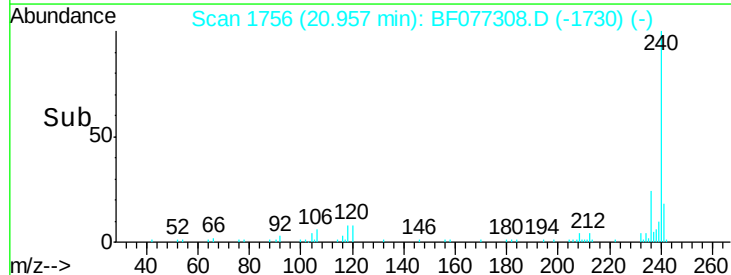
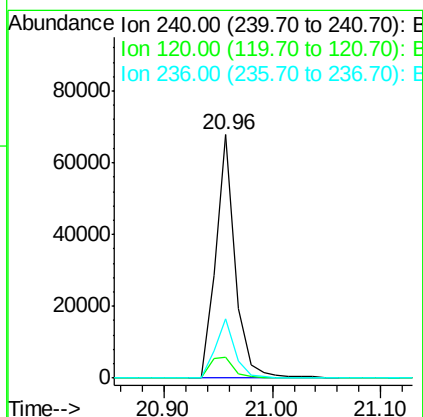
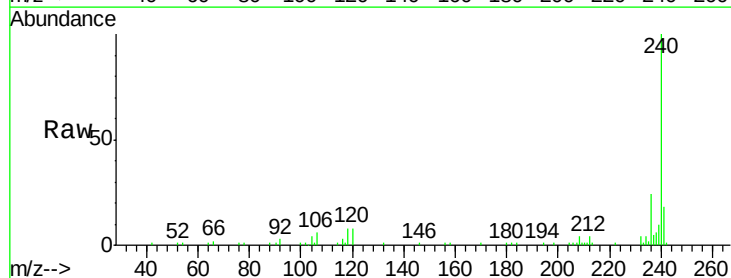
Instrument :
 BNA_F
 ClientSampleId :
 PB81726TB

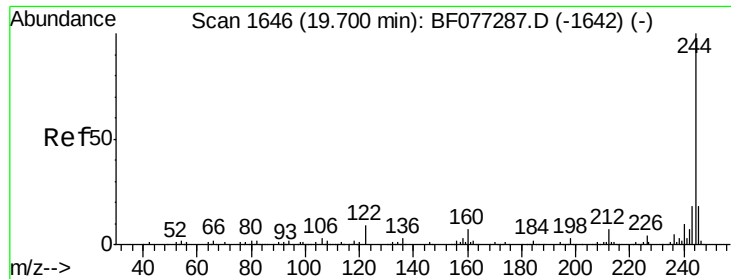
Tot Ion:188 Resp: 83524
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.5 9.7
 80 7.5 7.1 10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.96 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF077308.D
 Acq: 13 Feb 2015 15:08

Tgt Ion:240 Resp: 84523
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.8 11.8
 236 24.2 20.4 30.6





#78

Terphenyl-d14

Concen: 89.85 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077308.D

Acq: 13 Feb 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81726TB

Tot Ion:244 Resp: 338115

Ion Ratio Lower Upper

244 100

212 8.1

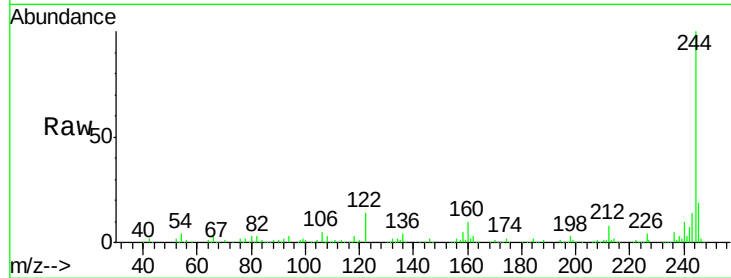
122 13.7

5.6

7.0

8.4

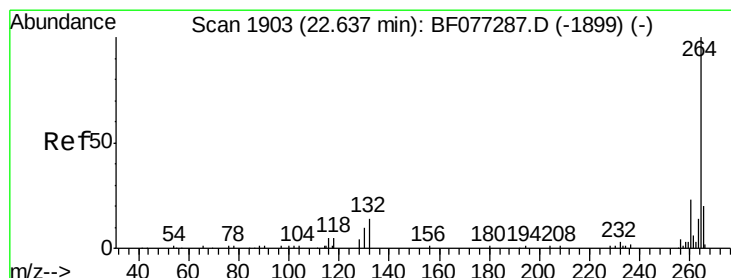
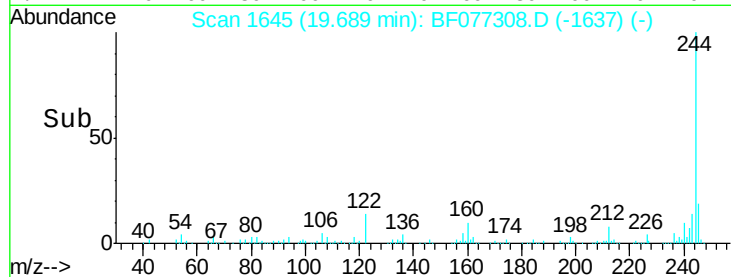
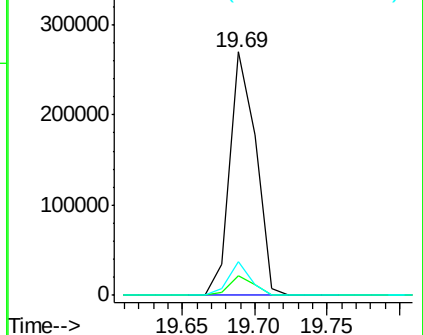
10.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 22.68 min Scan# 1907

Delta R.T. 0.05 min

Lab File: BF077308.D

Acq: 13 Feb 2015 15:08

Tgt Ion:264 Resp: 79262

Ion Ratio Lower Upper

264 100

260 22.9

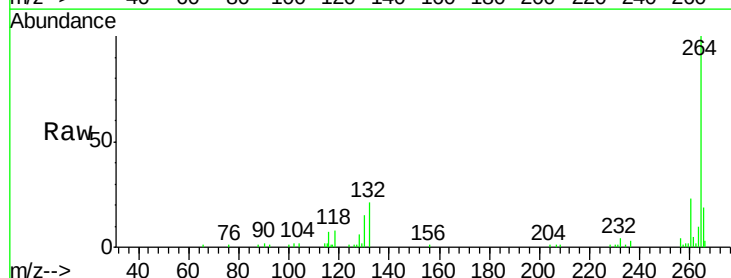
265 18.9

18.6

16.2

27.8

24.2



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

