

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078801.D
 Acq On : 29 Apr 2015 4:05
 Operator : TP/IZ
 Sample : PB83016BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83016BL

Quant Time: Apr 29 04:50:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 03:47:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	100235	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	403270	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	186255	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	372832	20.00	ng	0.00
75) Chrysene-d12	16.29	240	343460	20.00	ng	-0.02
86) Perylene-d12	17.99	264	319948	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	650011	119.11	ng	0.01
7) Phenol-d6	6.94	99	885131	121.44	ng	0.00
23) Nitrobenzene-d5	8.08	82	430943	76.94	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	184646	100.94	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	954891	70.21	ng	0.00
78) Terphenyl-d14	14.99	244	1127178	78.16	ng	0.00

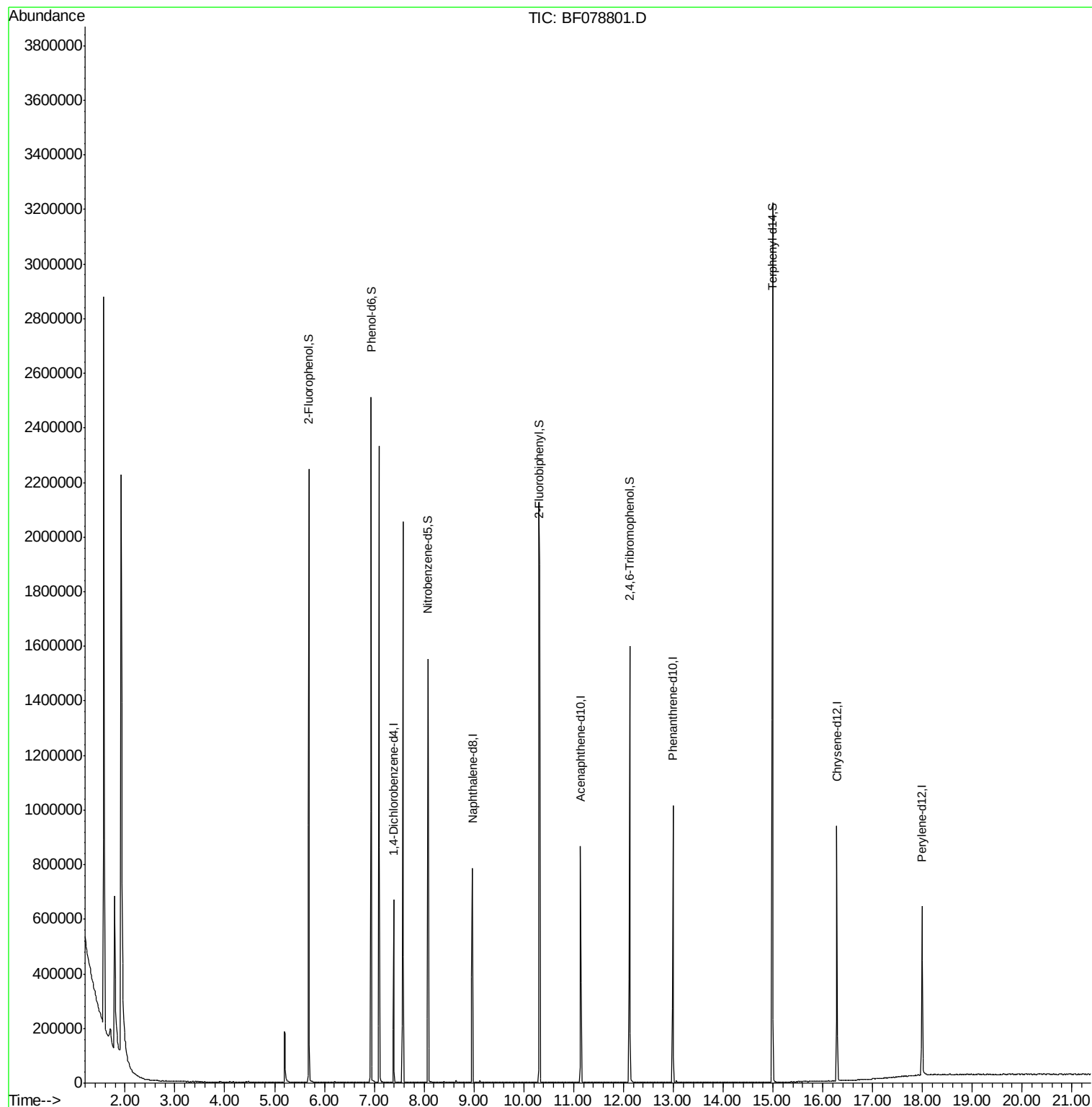
Target Compounds Qvalue

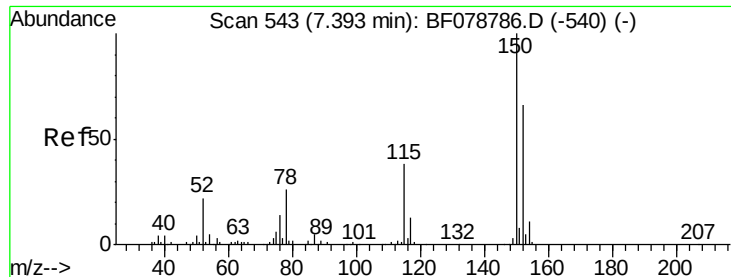
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

PB83016BL

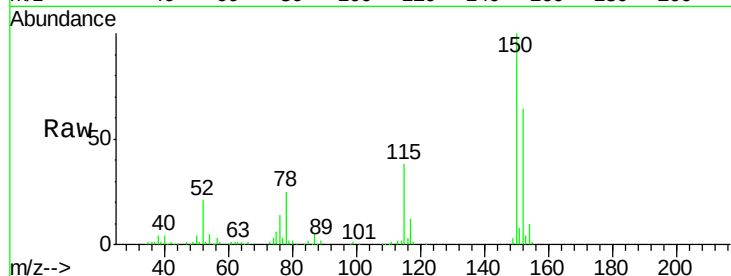
Tot Ion:152 Resp: 100235

Ion Ratio Lower Upper

152 100

150 156.1 122.0 183.0

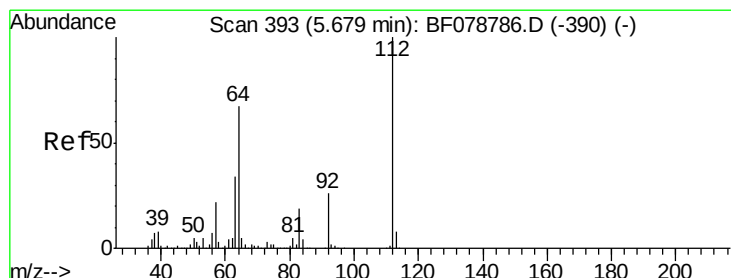
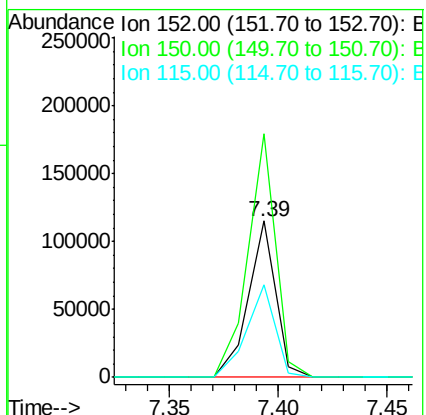
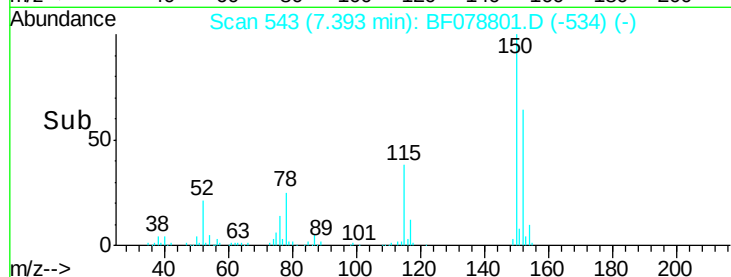
115 59.0 46.3 69.5



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: 119.11 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

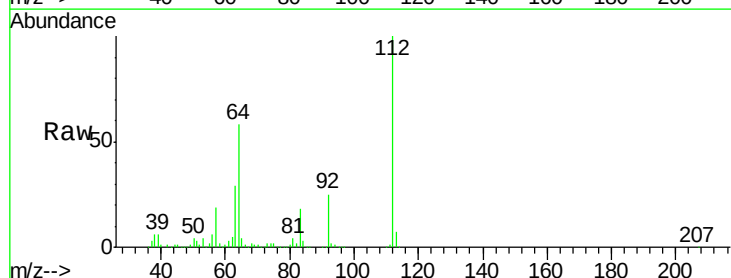
Tgt Ion:112 Resp: 650011

Ion Ratio Lower Upper

112 100

64 58.0 53.5 80.3

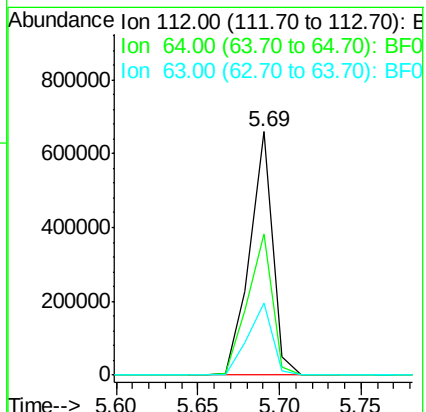
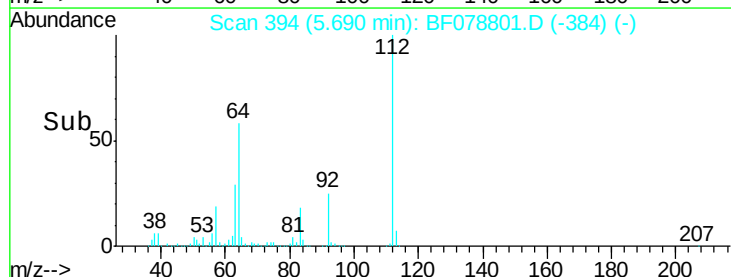
63 29.4 27.5 41.3

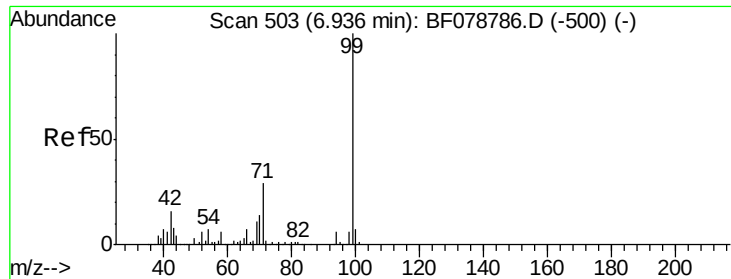


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.44 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

PB83016BL

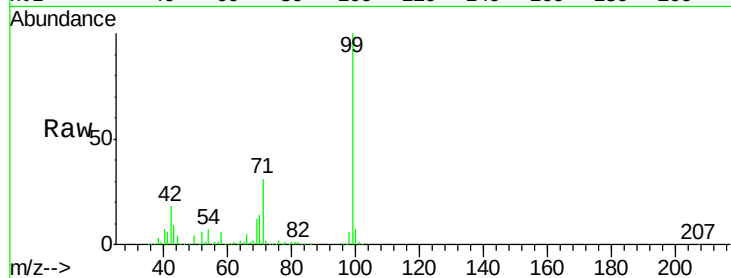
Tot Ion: 99 Resp: 885131

Ion Ratio Lower Upper

99 100

42 17.7 12.8 19.2

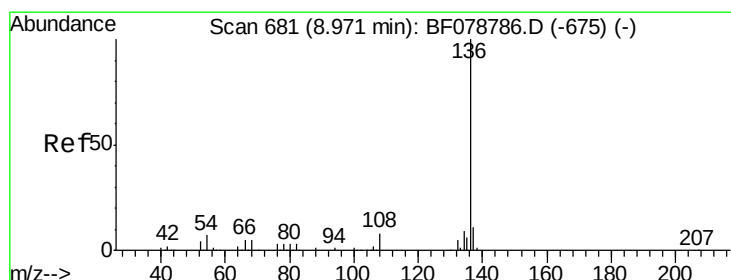
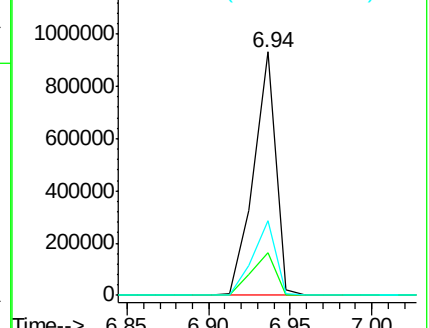
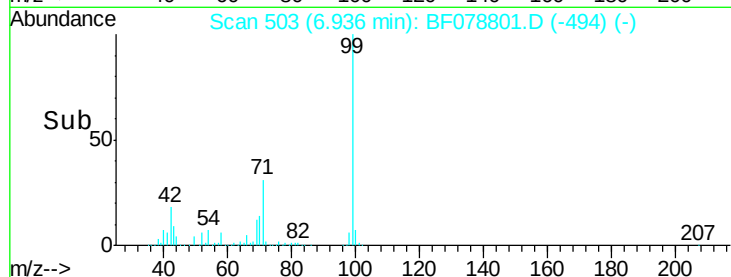
71 30.8 23.4 35.2



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: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

Tgt Ion: 136 Resp: 403270

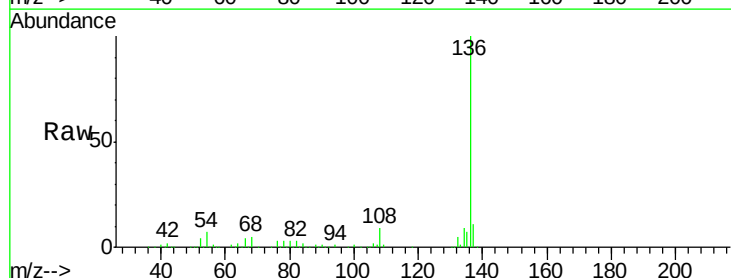
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.5 5.8 8.8

68 4.9 4.2 6.4

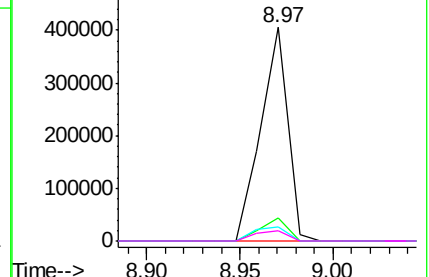
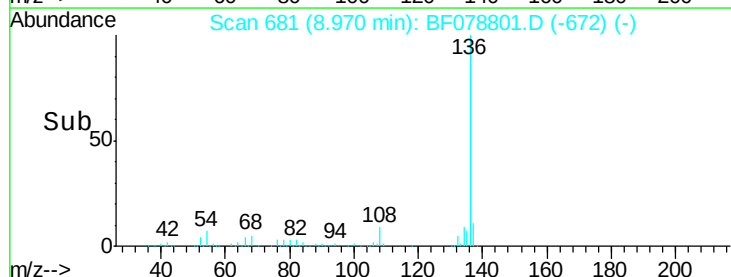


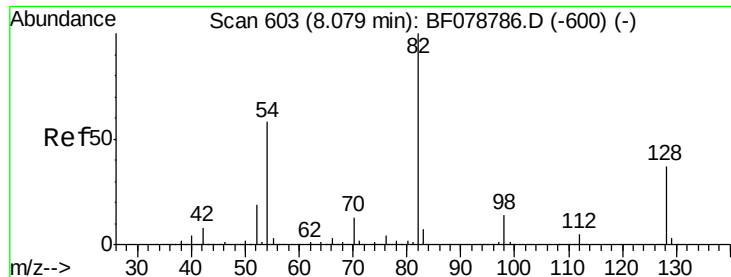
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.94 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

PB83016BL

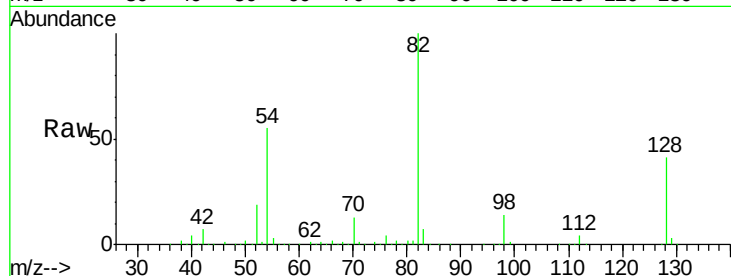
Tot Ion: 82 Resp: 430943

Ion Ratio Lower Upper

82 100

128 40.5 30.0 45.0

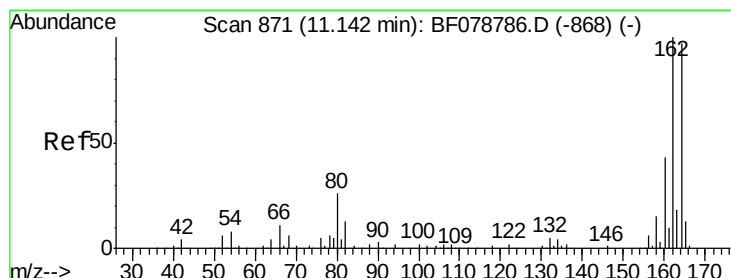
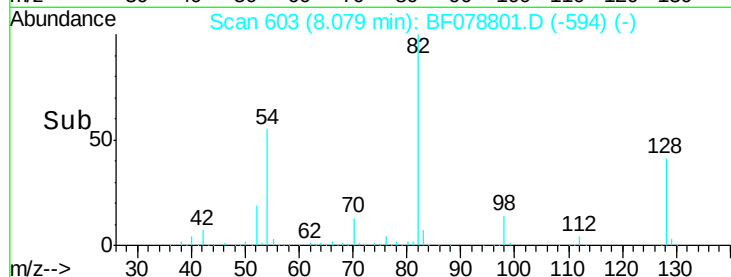
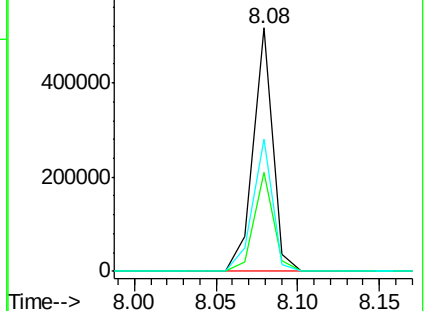
54 54.5 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078786.D (-600) (-)

Ion 128.00 (127.70 to 128.70): BF078786.D (-600) (-)

Ion 54.00 (53.70 to 54.70): BF078786.D (-600) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

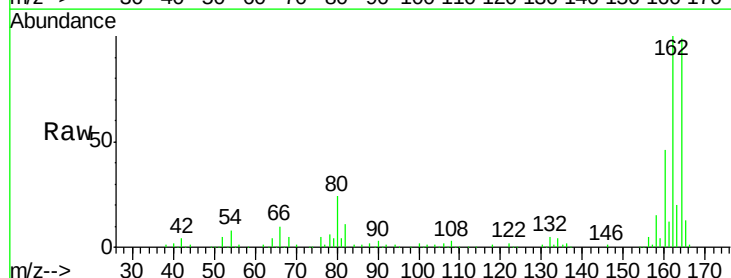
Tgt Ion: 164 Resp: 186255

Ion Ratio Lower Upper

164 100

162 100.6 82.7 124.1

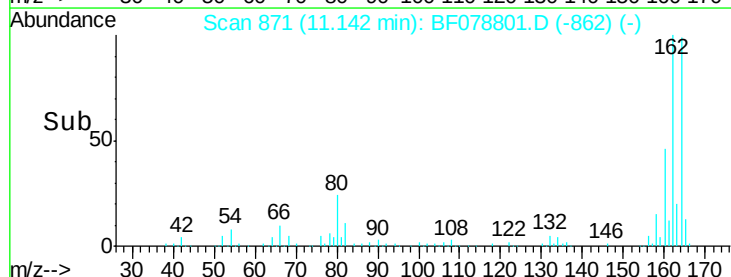
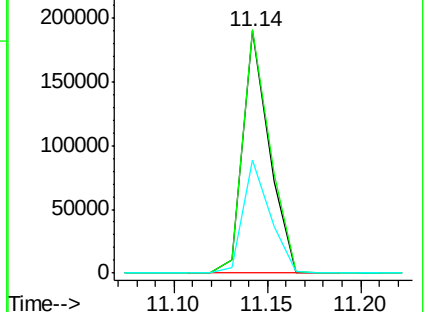
160 46.7 35.8 53.8

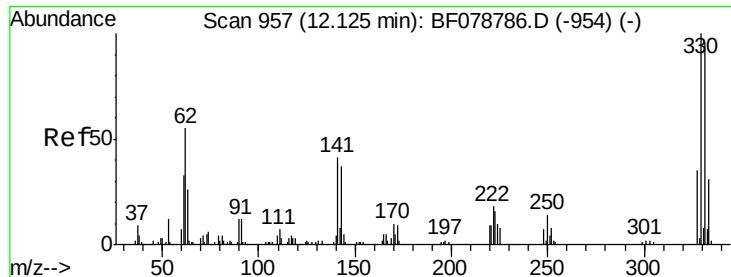


Abundance Ion 164.00 (163.70 to 164.70): BF078786.D (-868) (-)

Ion 162.00 (161.70 to 162.70): BF078786.D (-868) (-)

Ion 160.00 (159.70 to 160.70): BF078786.D (-868) (-)

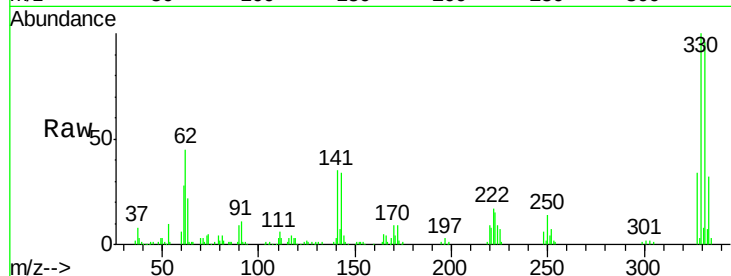




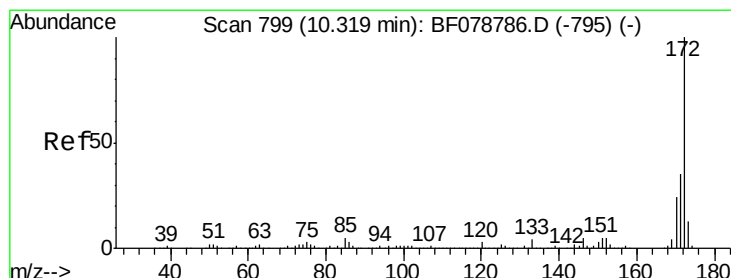
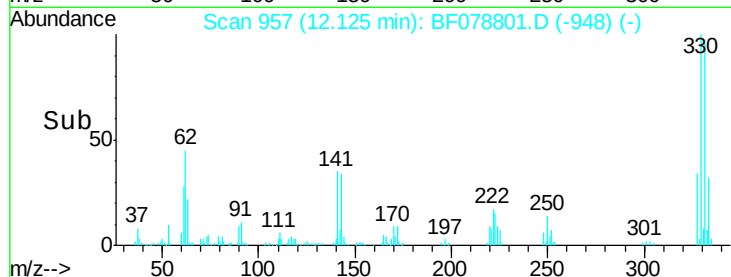
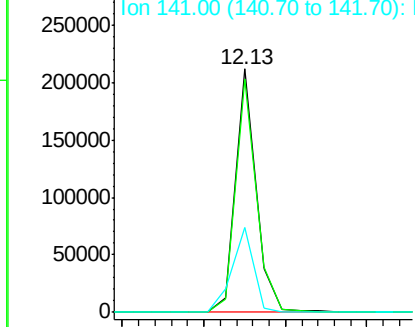
#41
 2,4,6-Tribromophenol
 Concen: 100.94 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078801.D
 Acq: 29 Apr 2015 4:05

Instrument :
 BNA_F
 ClientSampled :
 PB83016BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.0	0.0	0.0#

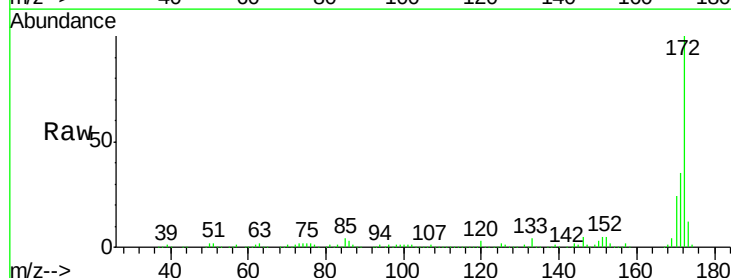


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

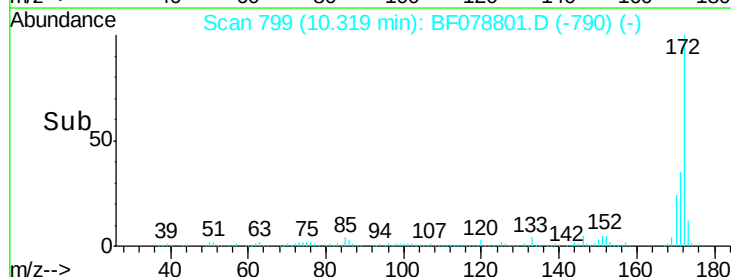
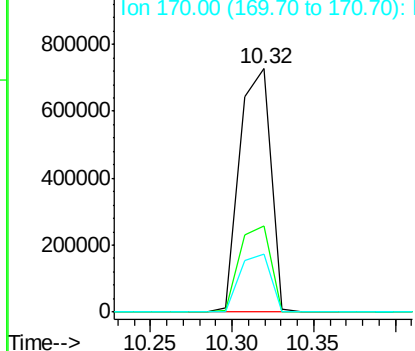


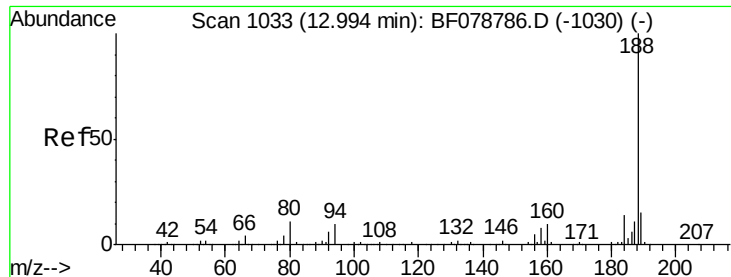
#44
 2-Fluorobiphenyl
 Concen: 70.21 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078801.D
 Acq: 29 Apr 2015 4:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.1	19.4	29.0



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

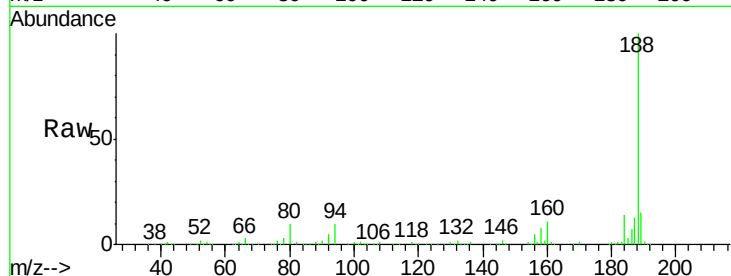




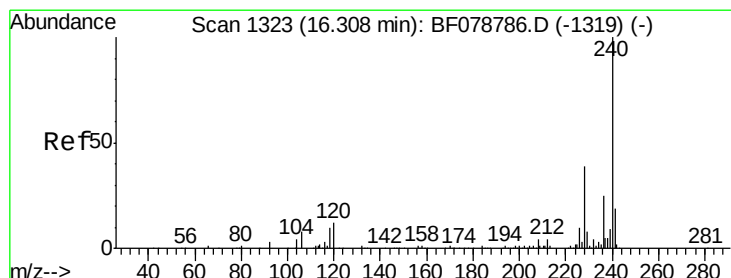
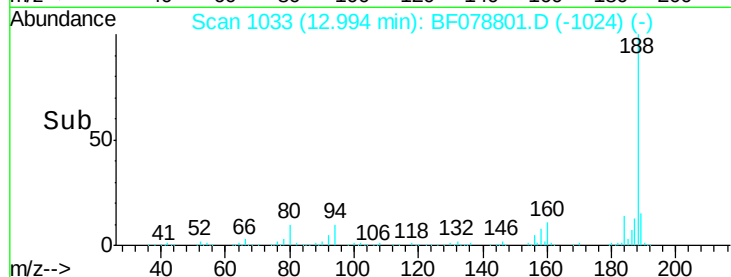
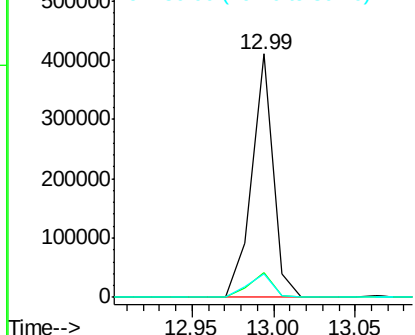
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078801.D
Acq: 29 Apr 2015 4:05

Instrument :
BNA_F
ClientSampled :
PB83016BL

Tot Ion:188 Resp: 372832
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 9.9 8.9 13.3

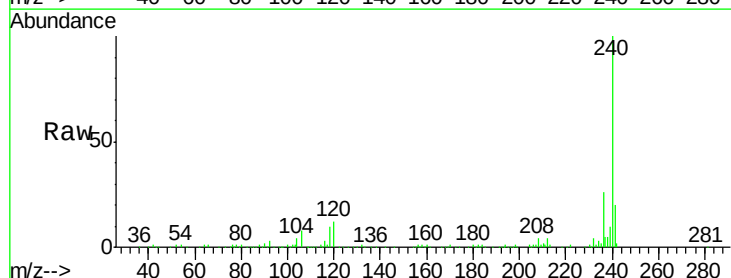


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

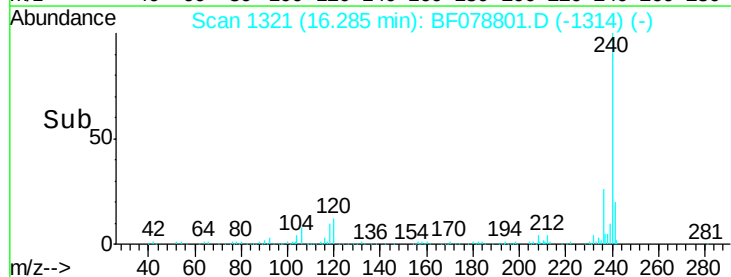
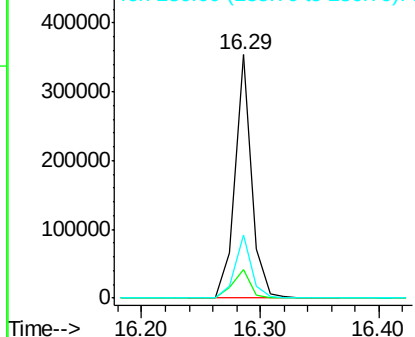


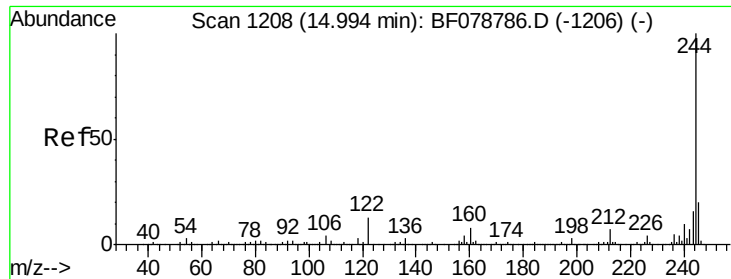
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078801.D
Acq: 29 Apr 2015 4:05

Tgt Ion:240 Resp: 343460
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 26.2 20.2 30.4



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: 78.16 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

PB83016BL

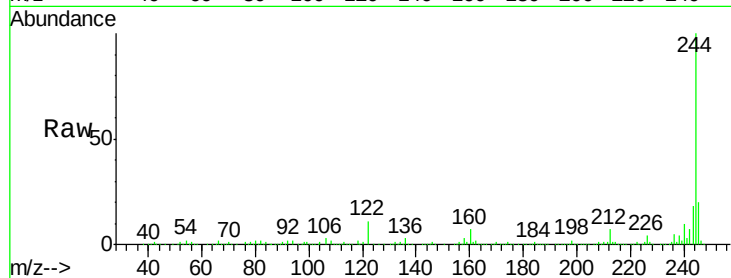
Tot Ion:244 Resp: 1127178

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

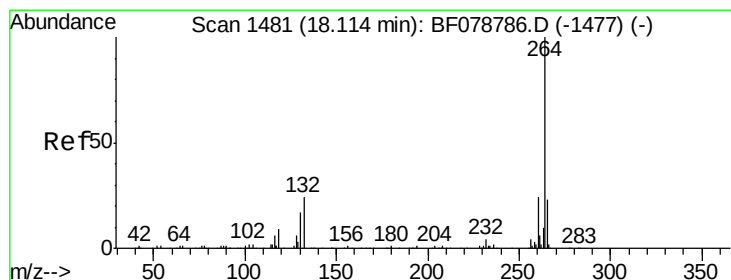
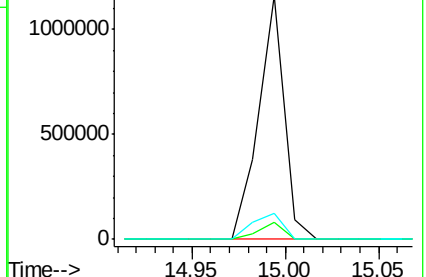
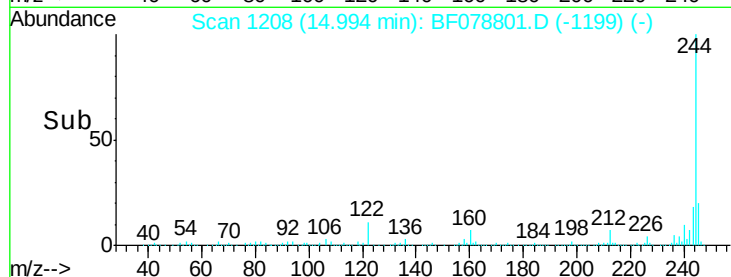
122 10.9 10.3 15.5



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: 17.99 min Scan# 1470

Delta R.T. -0.13 min

Lab File: BF078801.D

Acq: 29 Apr 2015 4:05

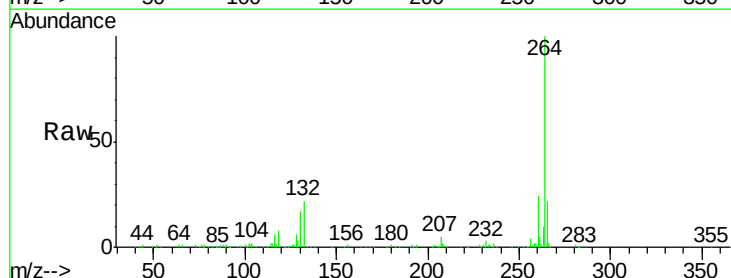
Tgt Ion:264 Resp: 319948

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.7 18.3 27.5



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

