

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078794.D
 Acq On : 29 Apr 2015 00:43
 Operator : TP/IZ
 Sample : G2007-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315

Quant Time: Apr 29 12:57:30 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 11:41:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	93989	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	381011	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	176794	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	350006	20.00	ng	0.00
75) Chrysene-d12	16.29	240	333461	20.00	ng	-0.02
86) Perylene-d12	18.02	264	315637	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	316346	61.82	ng	0.01
7) Phenol-d6	6.92	99	234090	34.25	ng	-0.01
23) Nitrobenzene-d5	8.08	82	538072	101.68	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	229664	130.64	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1202610	93.15	ng	0.00
78) Terphenyl-d14	14.99	244	1209986	86.42	ng	0.00

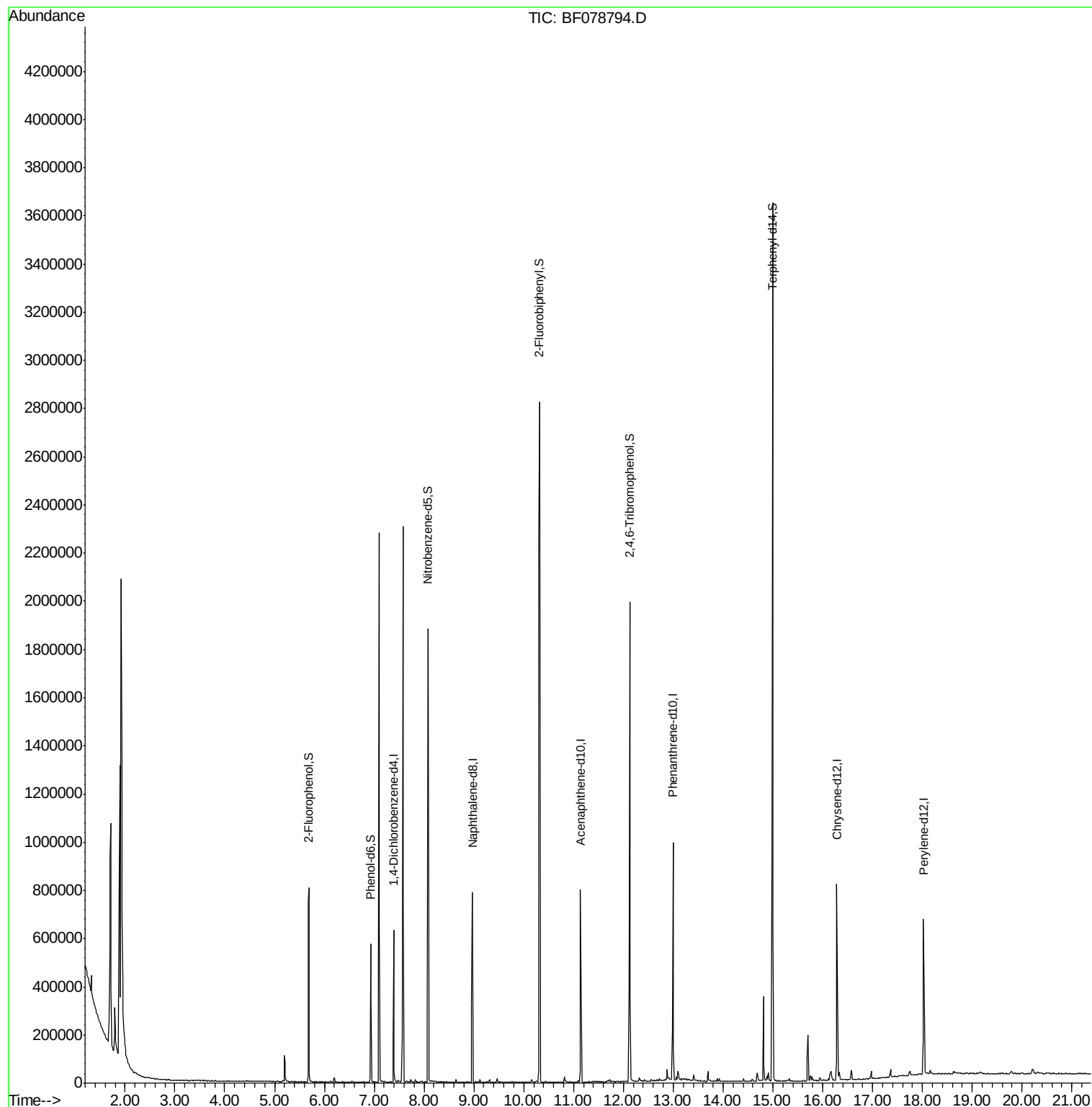
Target Compounds Qvalue

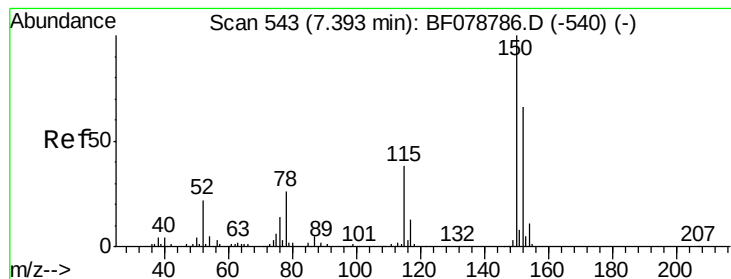
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078794.D

Acq: 29 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315

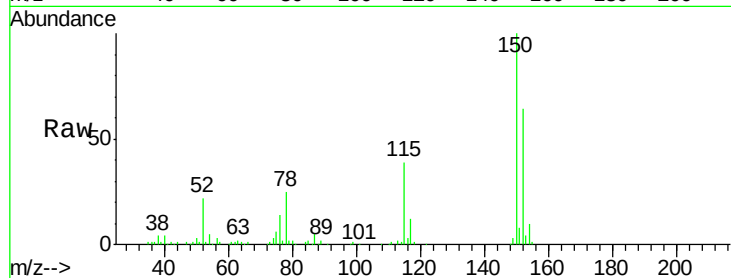
Tot Ion:152 Resp: 93989

Ion Ratio Lower Upper

152 100

150 156.7 122.0 183.0

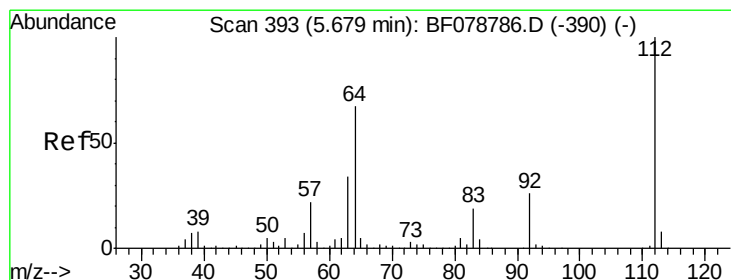
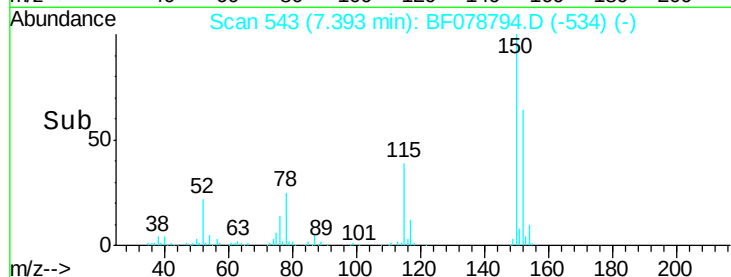
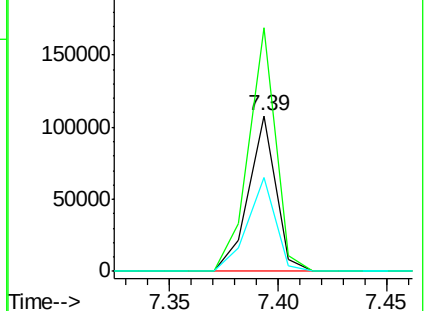
115 60.5 46.3 69.5



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: 61.82 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078794.D

Acq: 29 Apr 2015 00:43

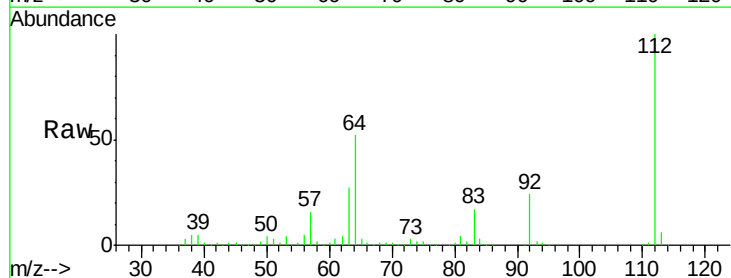
Tgt Ion:112 Resp: 316346

Ion Ratio Lower Upper

112 100

64 52.0 53.5 80.3#

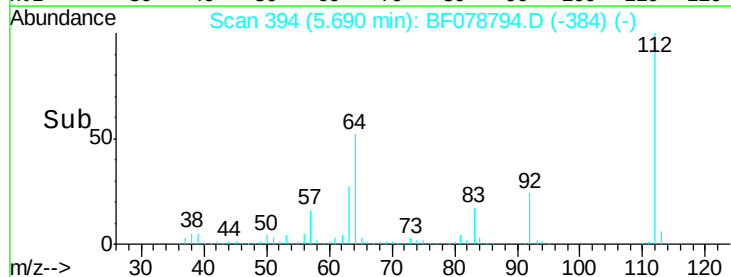
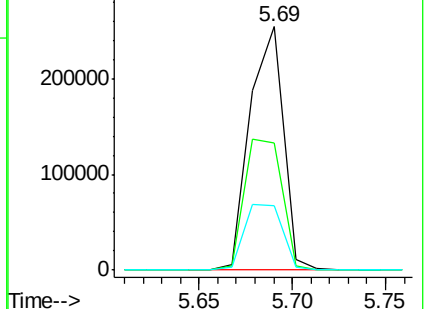
63 26.7 27.5 41.3#

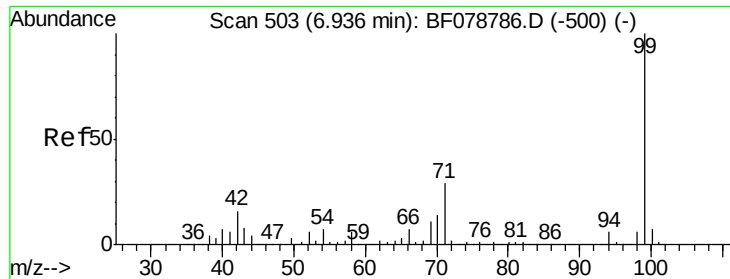


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.25 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078794.D

Acq: 29 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315

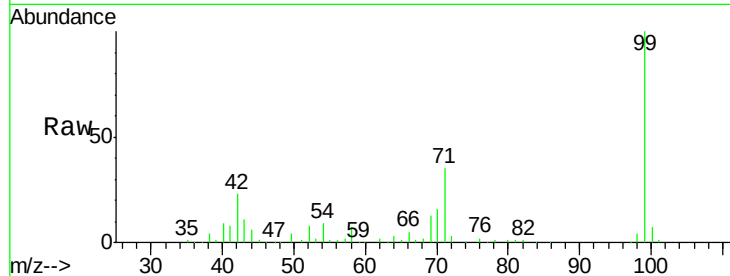
Tot Ion: 99 Resp: 234090

Ion Ratio Lower Upper

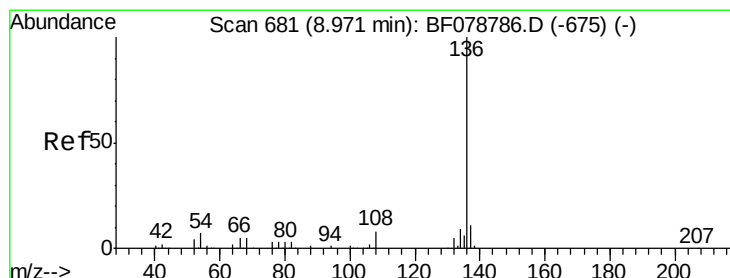
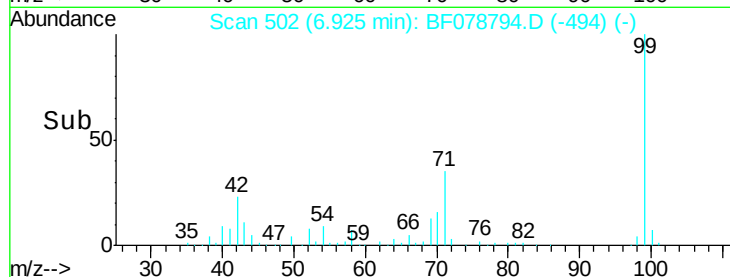
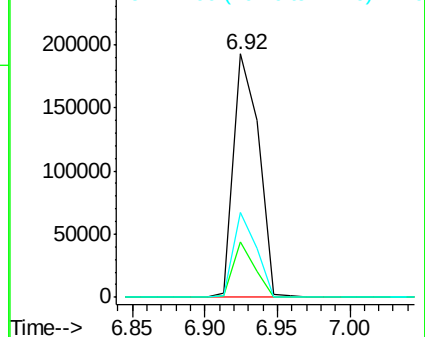
99 100

42 22.9 12.8 19.2#

71 35.0 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: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078794.D

Acq: 29 Apr 2015 00:43

Tgt Ion: 136 Resp: 381011

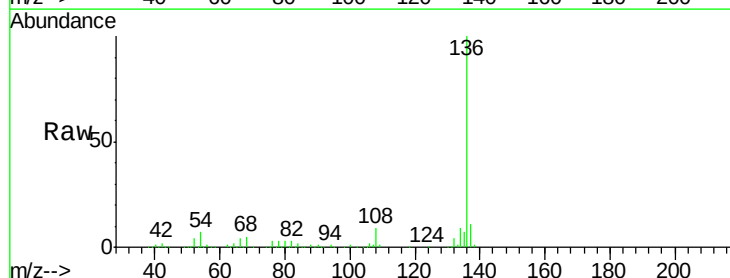
Ion Ratio Lower Upper

136 100

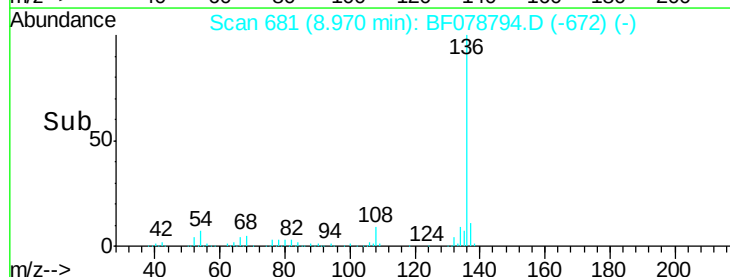
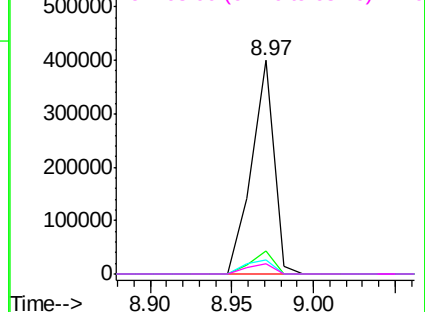
137 10.9 8.7 13.1

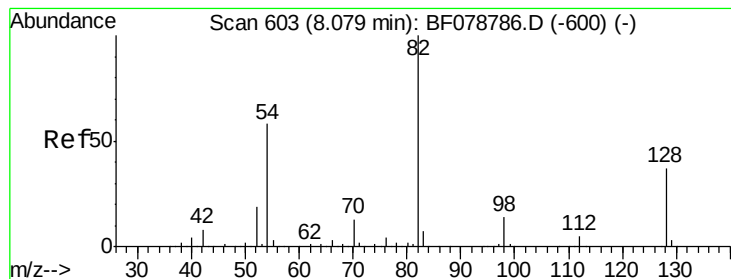
54 6.8 5.8 8.8

68 5.0 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: 101.68 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF078794.D

Acq: 29 Apr 2015 00:43

Instrument :

BNA_F

ClientSampleId :

DCW-WW-117-42315

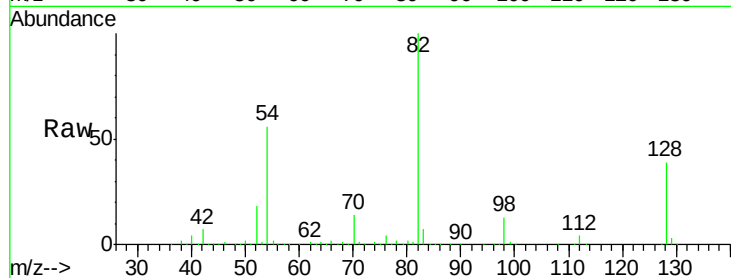
Tot Ion: 82 Resp: 538072

Ion Ratio Lower Upper

82 100

128 39.3 30.0 45.0

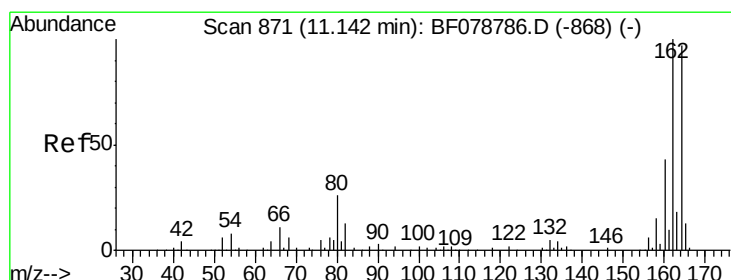
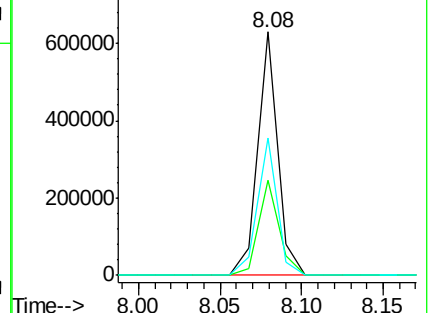
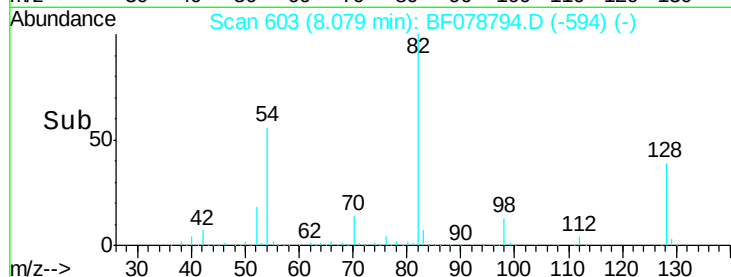
54 56.4 46.4 69.6



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: BF078794.D

Acq: 29 Apr 2015 00:43

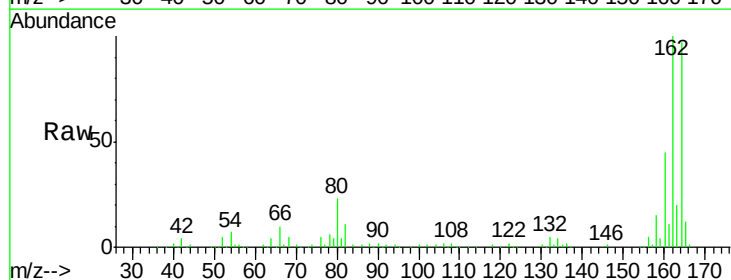
Tgt Ion: 164 Resp: 176794

Ion Ratio Lower Upper

164 100

162 103.5 82.7 124.1

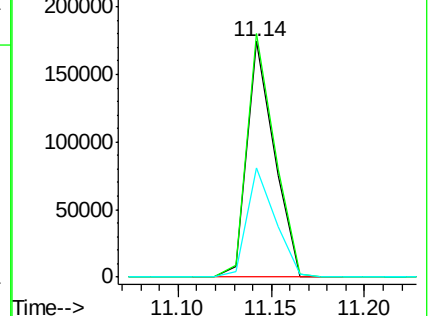
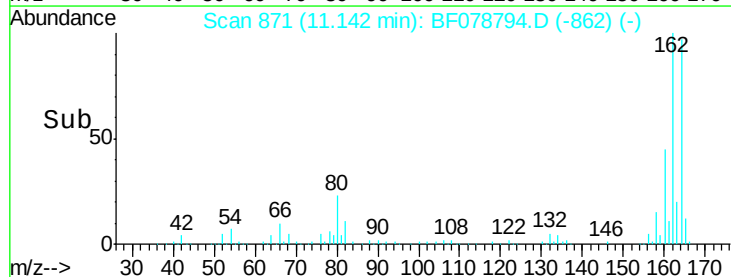
160 46.2 35.8 53.8

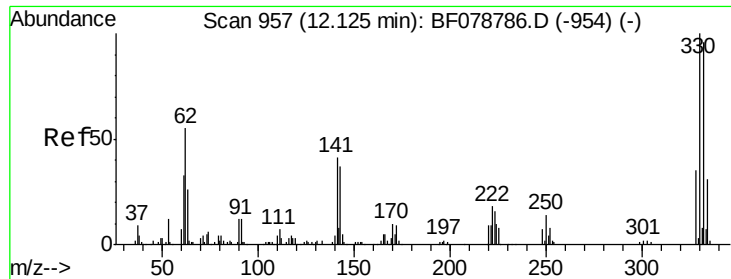


Abundance Ion 164.00 (163.70 to 164.70): BF078786.D (-868) (-)

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

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

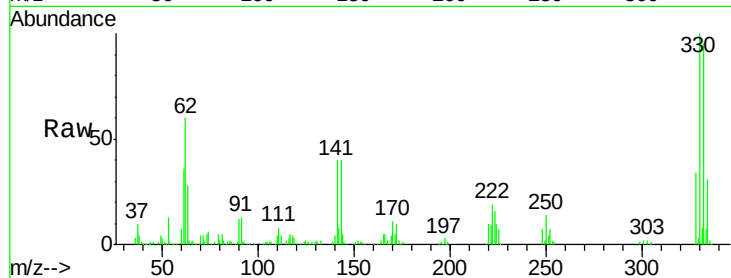




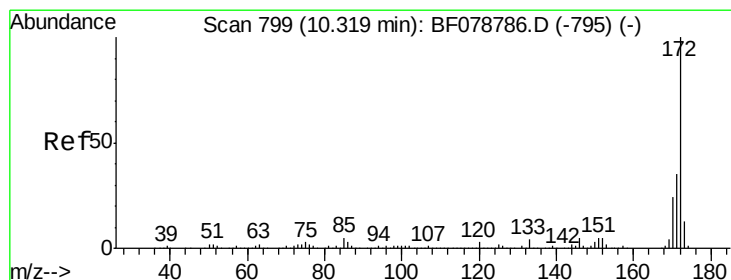
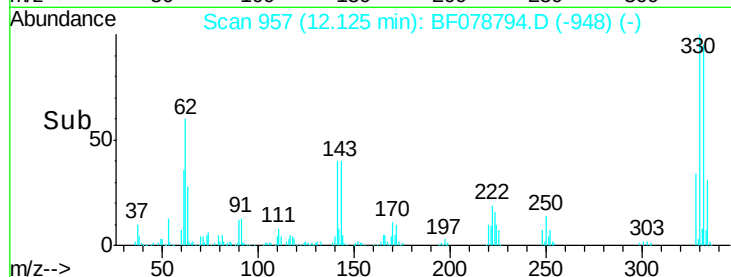
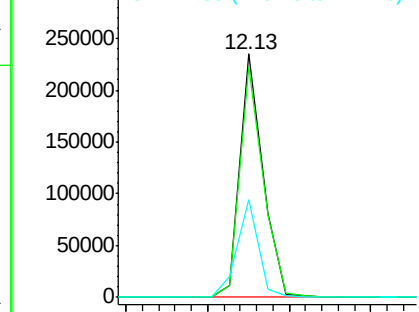
#41
 2,4,6-Tribromophenol
 Concen: 130.64 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078794.D
 Acq: 29 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	37.5	0.0	0.0#

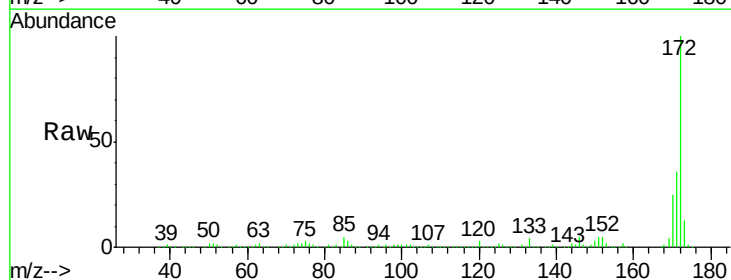


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

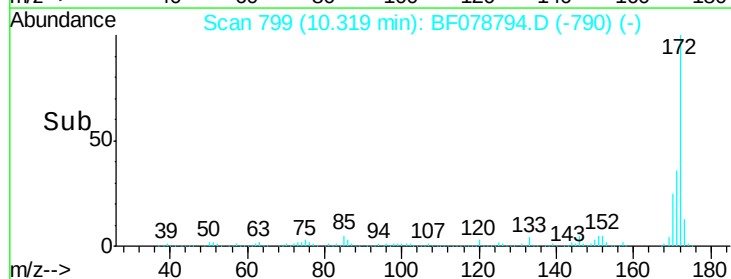
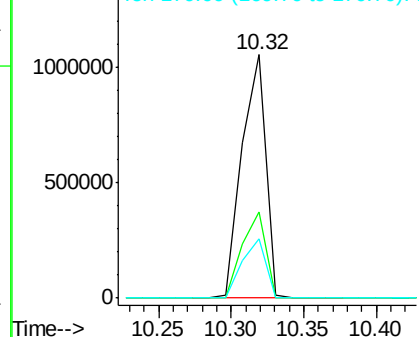


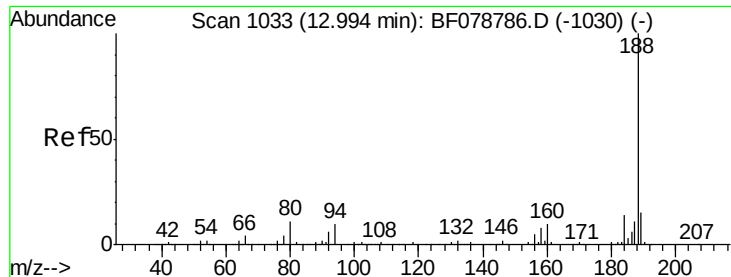
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078794.D
 Acq: 29 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.6	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

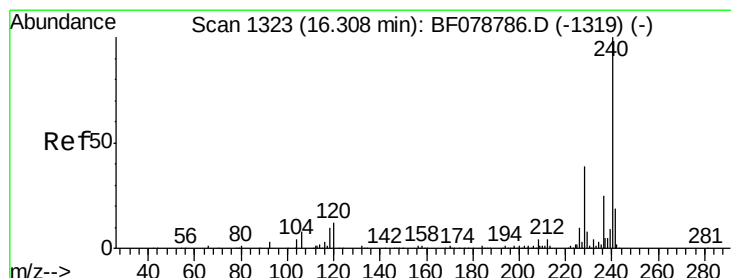
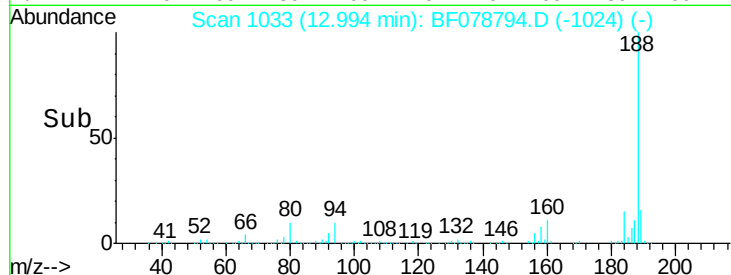
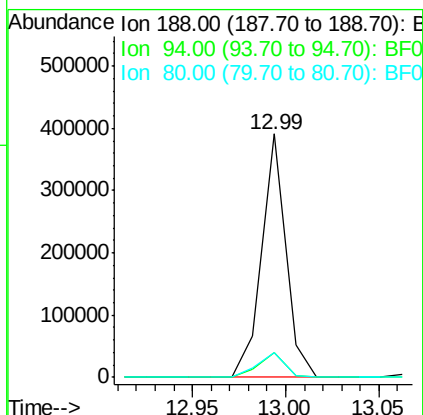
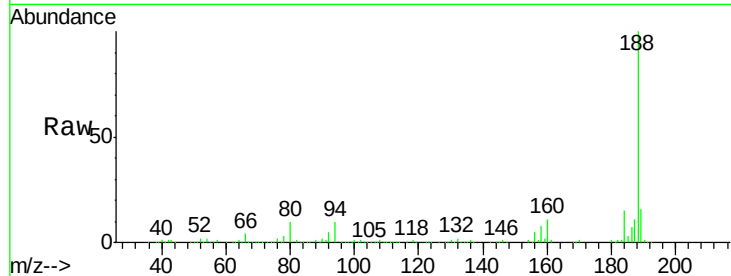




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078794.D
Acq: 29 Apr 2015 00:43

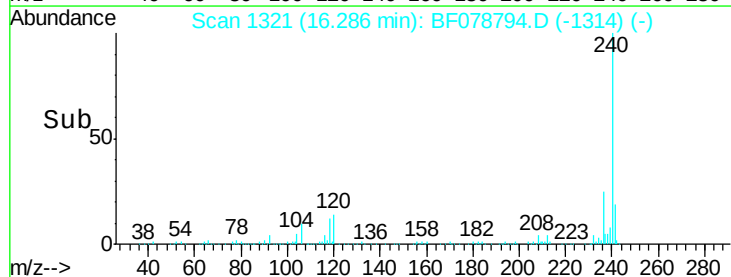
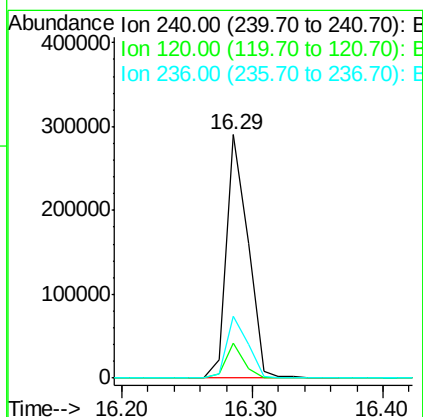
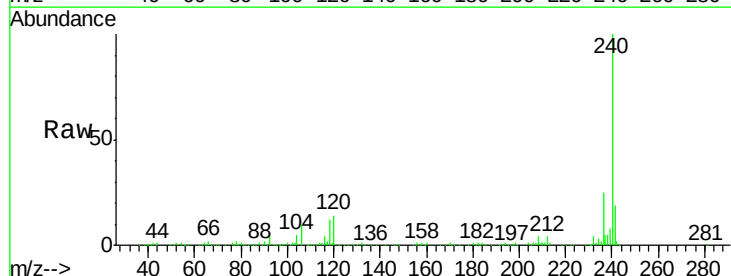
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DCW-WW-117-42315

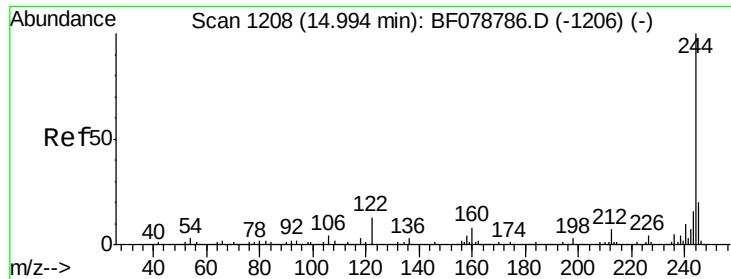
Tot Ion:188 Resp: 350006
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.4 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078794.D
Acq: 29 Apr 2015 00:43

Tgt Ion:240 Resp: 333461
Ion Ratio Lower Upper
240 100
120 14.3 9.7 14.5
236 25.4 20.2 30.4

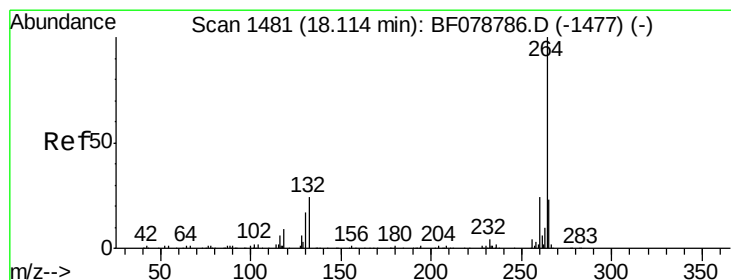
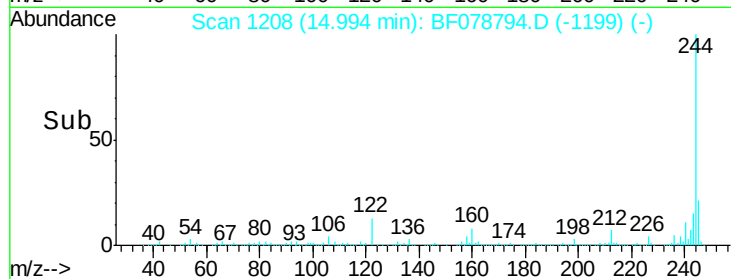
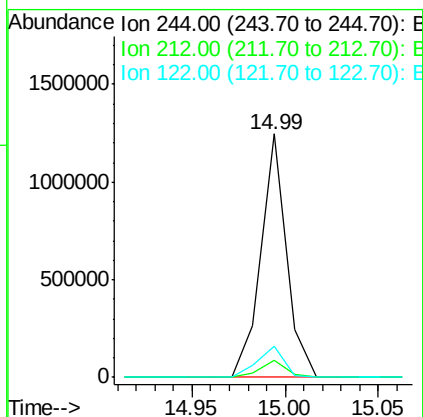
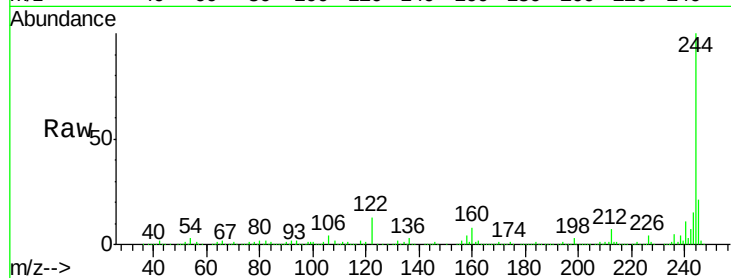




#78
 Terphenyl-d14
 Concen: 86.42 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF078794.D
 Acq: 29 Apr 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-117-42315

Tot Ion:244 Resp: 1209986
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. -0.09 min
 Lab File: BF078794.D
 Acq: 29 Apr 2015 00:43

Tgt Ion:264 Resp: 315637
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.6 18.3 27.5

