

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078797.D
 Acq On : 29 Apr 2015 2:09
 Operator : TP/IZ
 Sample : G2007-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB07-42315

Quant Time: Apr 29 13:02:46 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	95384	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	387518	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	176905	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	343151	20.00	ng	0.00
75) Chrysene-d12	16.29	240	327604	20.00	ng	-0.02
86) Perylene-d12	18.00	264	303911	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	386799	74.48	ng	0.01
7) Phenol-d6	6.92	99	297129	42.84	ng	-0.01
23) Nitrobenzene-d5	8.08	82	582582	108.24	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	251312	142.37	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1280624	99.13	ng	0.00
78) Terphenyl-d14	14.99	244	1402843	101.98	ng	0.00

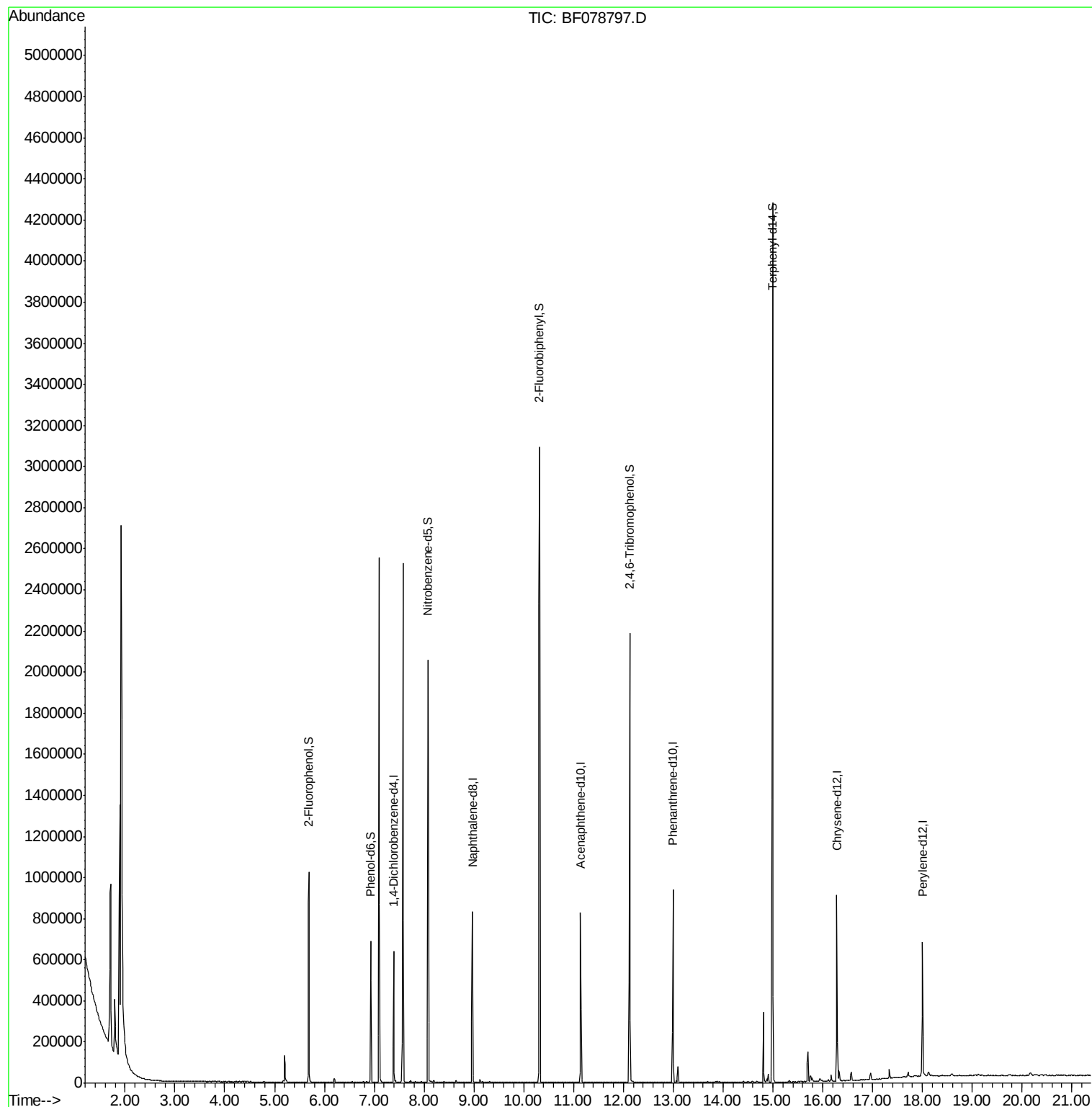
Target Compounds Qvalue

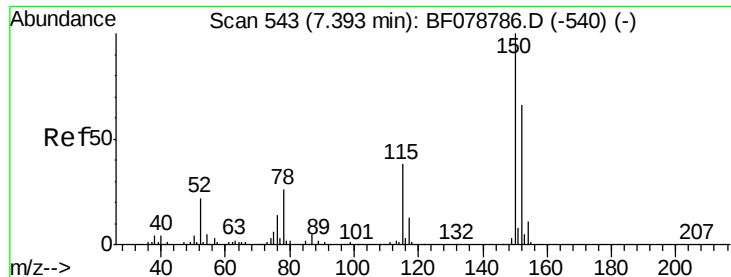
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078797.D

Acq: 29 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

DCW-RB07-42315

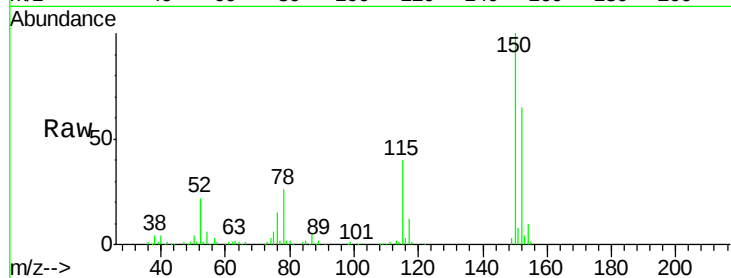
Tot Ion:152 Resp: 95384

Ion Ratio Lower Upper

152 100

150 153.7 122.0 183.0

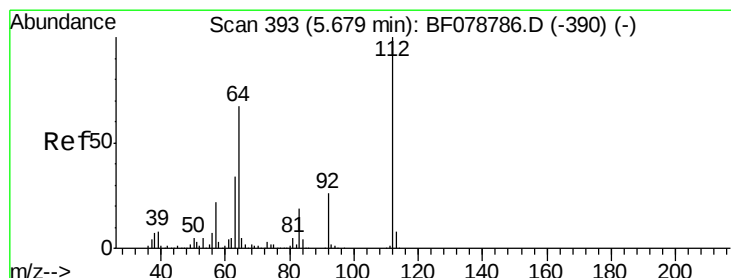
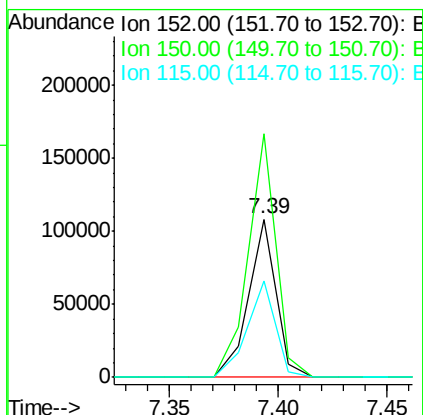
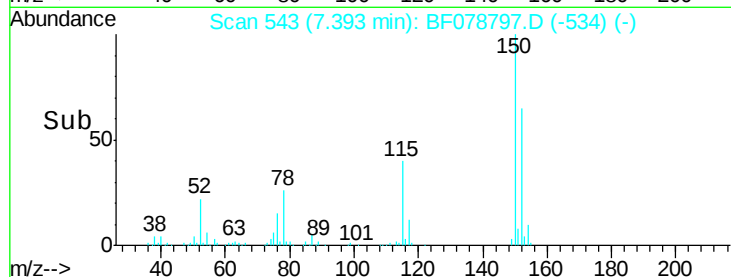
115 61.2 46.3 69.5



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: 74.48 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078797.D

Acq: 29 Apr 2015 2:09

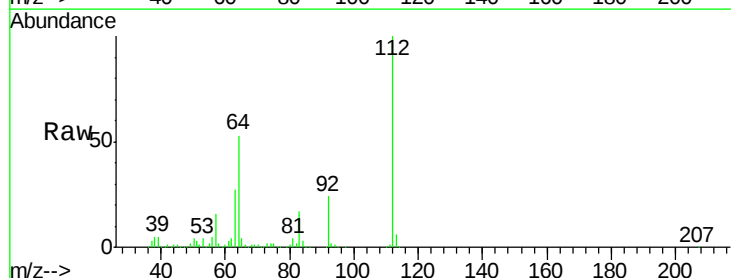
Tgt Ion:112 Resp: 386799

Ion Ratio Lower Upper

112 100

64 52.7 53.5 80.3#

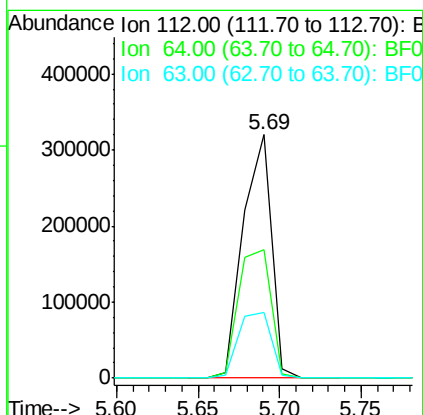
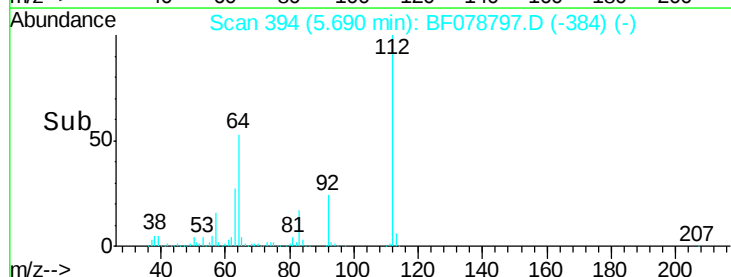
63 27.0 27.5 41.3#

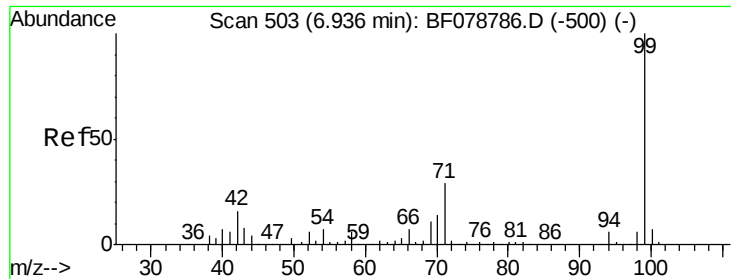


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.84 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078797.D

Acq: 29 Apr 2015 2:09

Instrument :

BNA_F

ClientSampleId :

DCW-RB07-42315

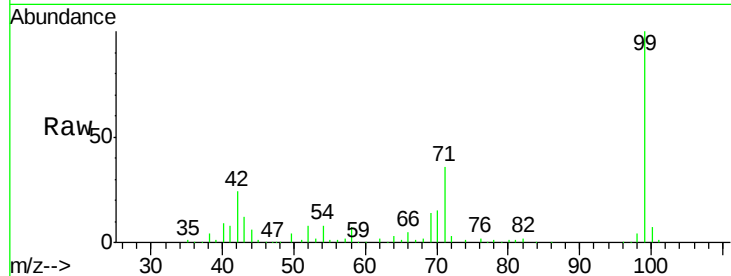
Tot Ion: 99 Resp: 297129

Ion Ratio Lower Upper

99 100

42 24.3 12.8 19.2#

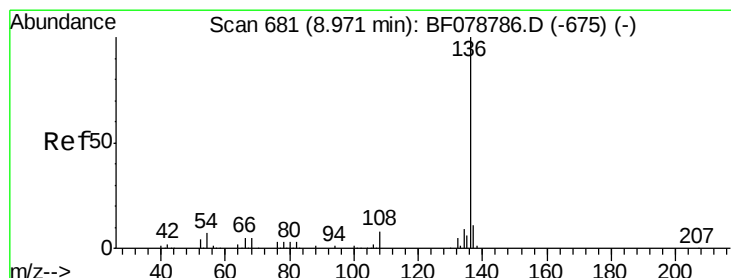
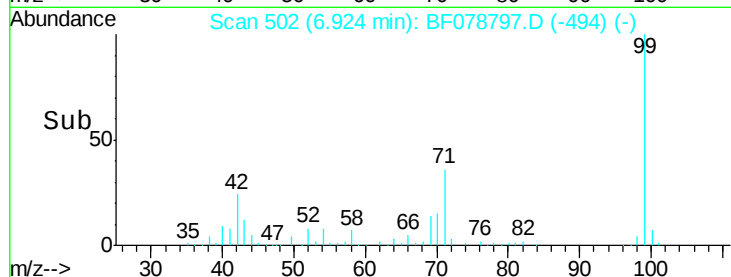
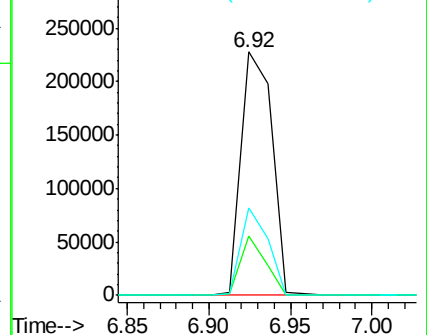
71 35.8 23.4 35.2#



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: BF078797.D

Acq: 29 Apr 2015 2:09

Tgt Ion: 136 Resp: 387518

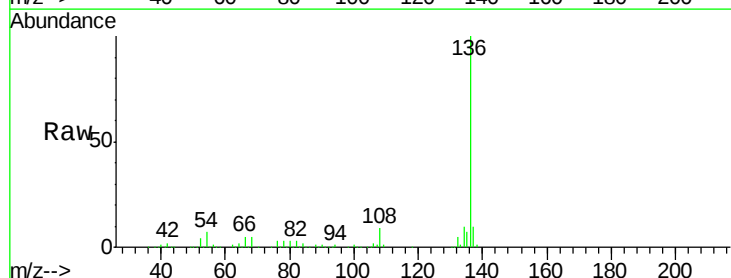
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 7.0 5.8 8.8

68 5.3 4.2 6.4

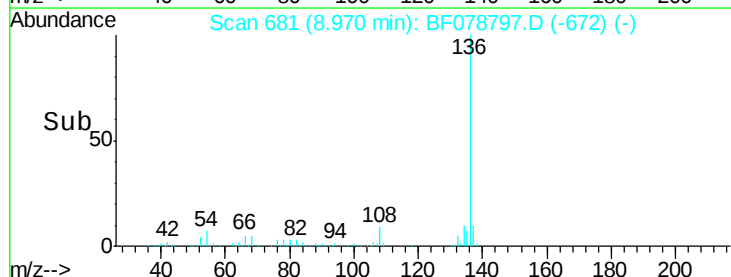
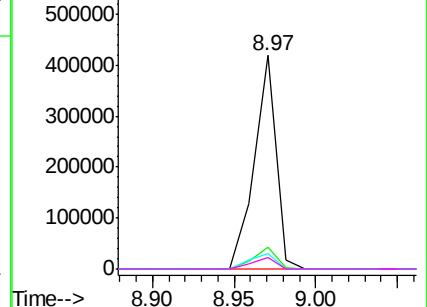


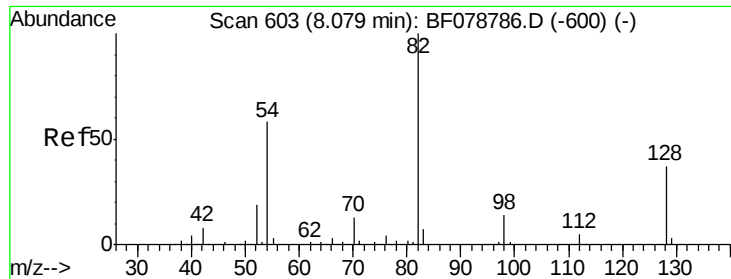
Abundance Ion 136.00 (135.70 to 136.70): E

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

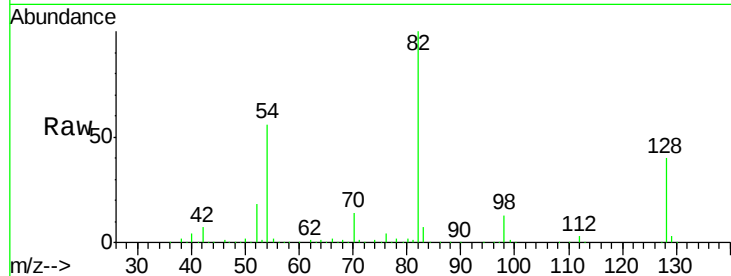




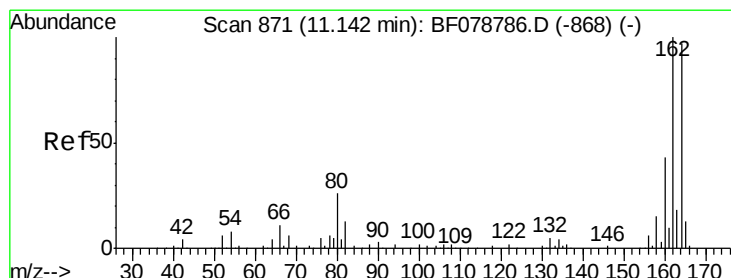
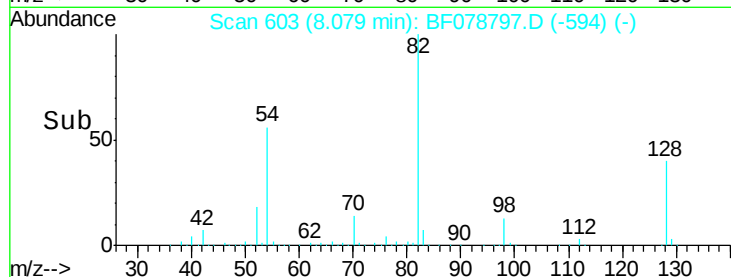
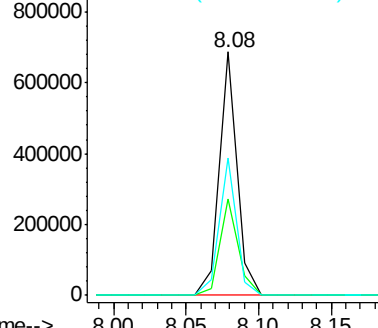
#23
 Nitrobenzene-d5
 Concen: 108.24 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB07-42315

Tot Ion	82	Resp	582582
Ion Ratio	100	Lower	Upper
128	39.6	30.0	45.0
54	56.3	46.4	69.6

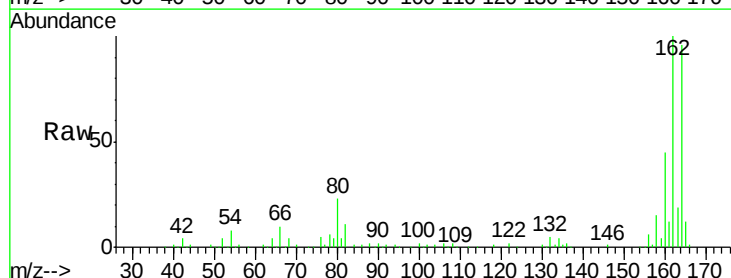


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

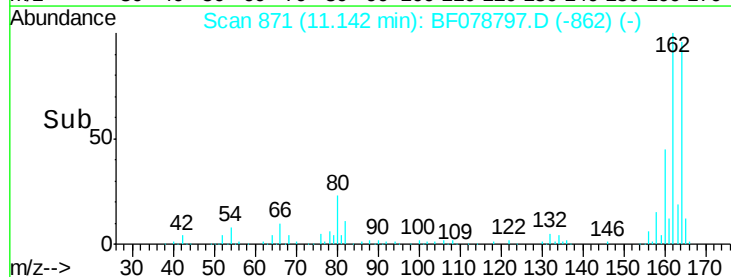
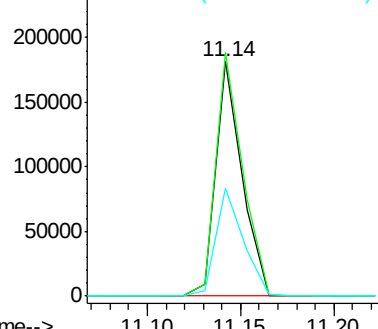


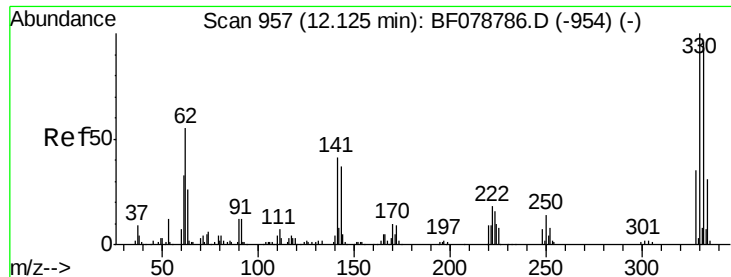
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Tgt Ion	164	Resp	176905
Ion Ratio	100	Lower	Upper
162	104.0	82.7	124.1
160	46.4	35.8	53.8



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

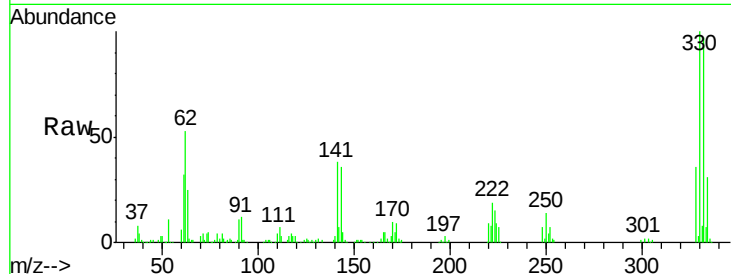




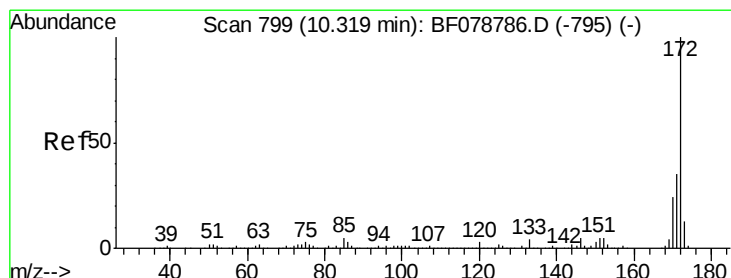
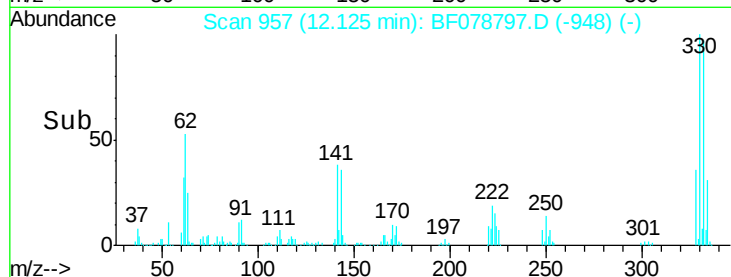
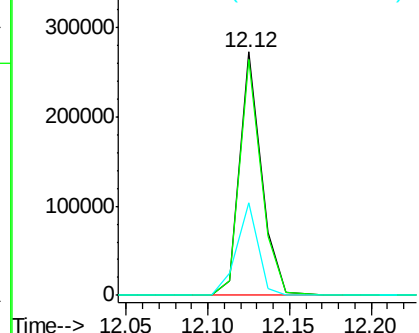
#41
 2,4,6-Tribromophenol
 Concen: 142.37 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB07-42315

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	37.4	0.0	0.0#

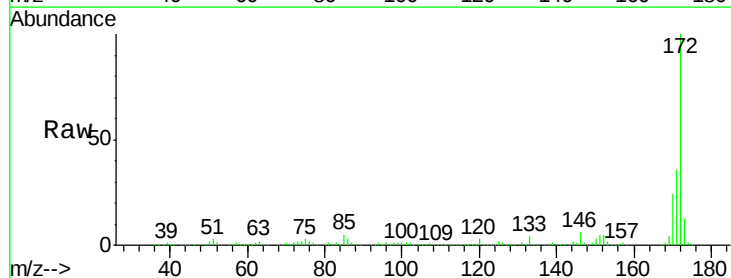


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

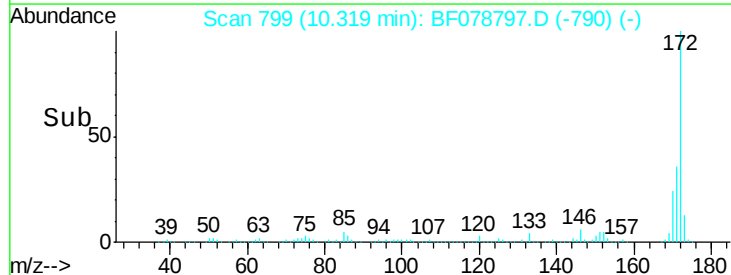
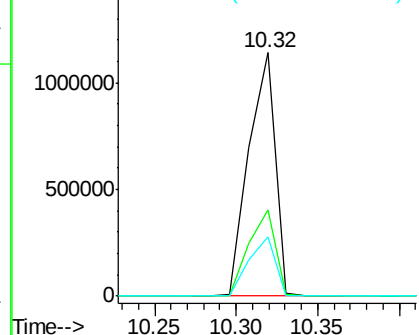


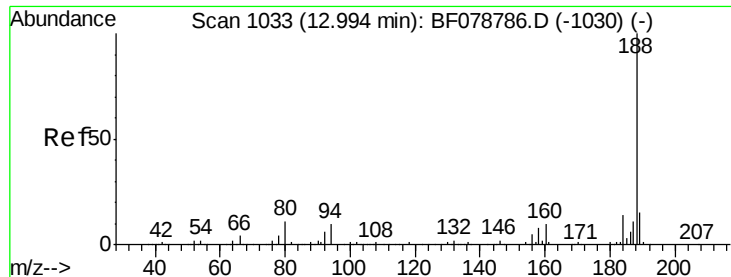
#44
 2-Fluorobiphenyl
 Concen: 99.13 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.4	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

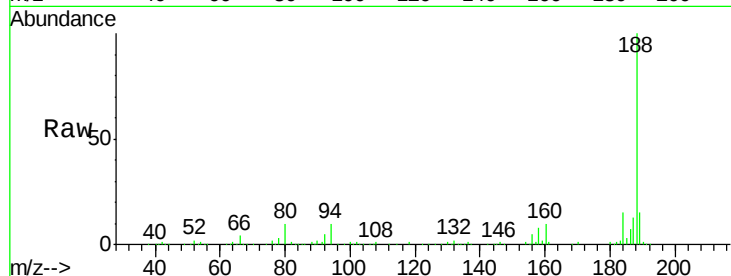




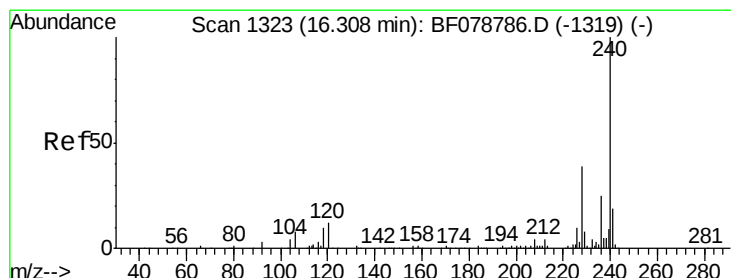
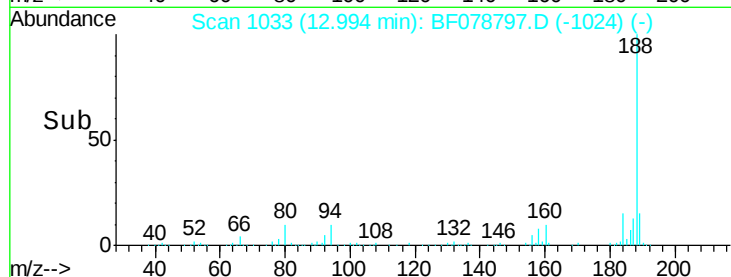
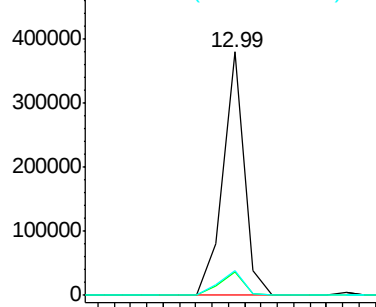
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Instrument :
BNA_F
ClientSampleId :
DCW-RB07-42315

Tot Ion:188 Resp: 343151
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.0 8.9 13.3

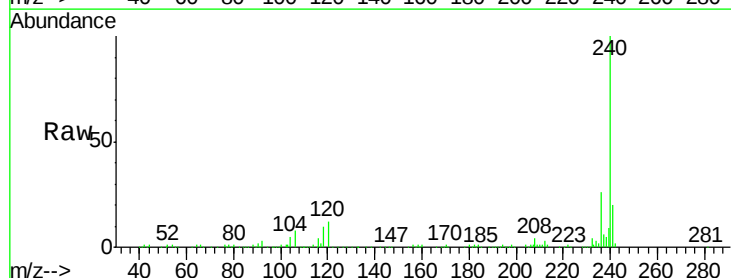


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

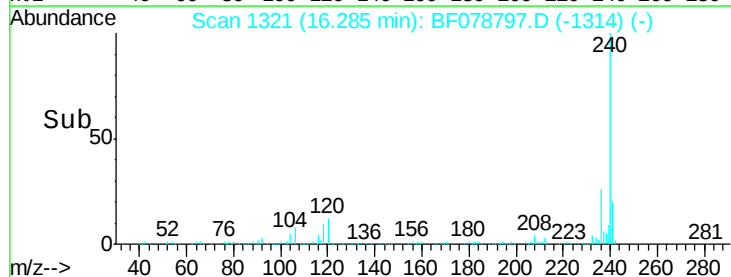
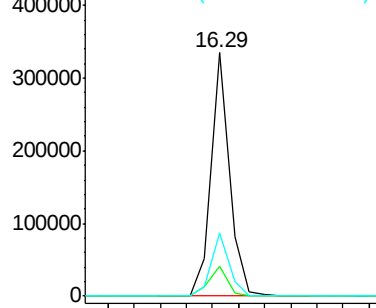


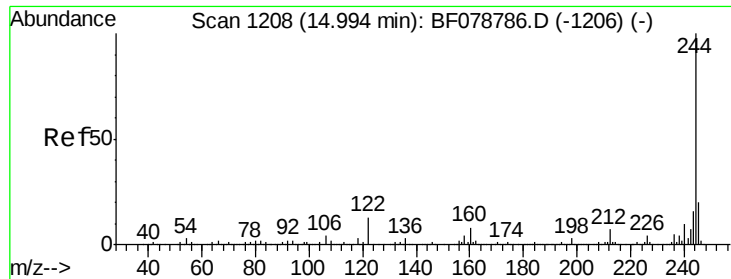
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF078797.D
Acq: 29 Apr 2015 2:09

Tgt Ion:240 Resp: 327604
Ion Ratio Lower Upper
240 100
120 12.2 9.7 14.5
236 26.0 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

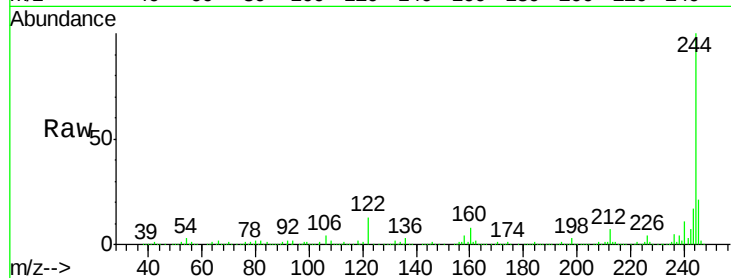




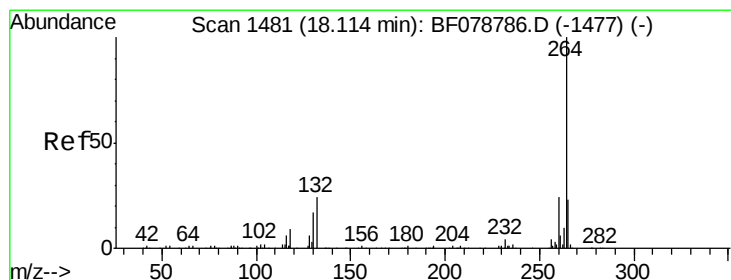
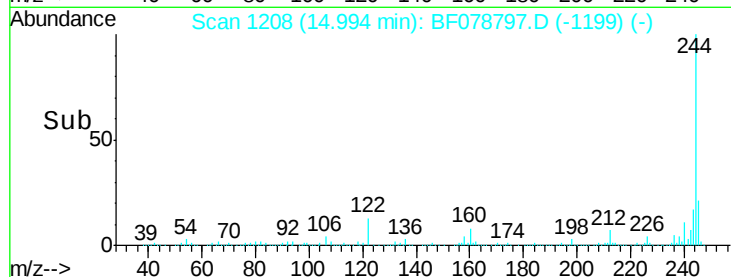
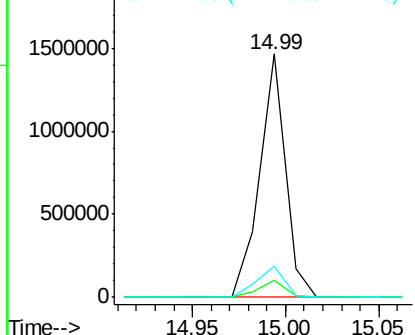
#78
 Terphenyl-d14
 Concen: 101.98 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB07-42315

Tot Ion:244 Resp: 1402843
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.7 10.3 15.5

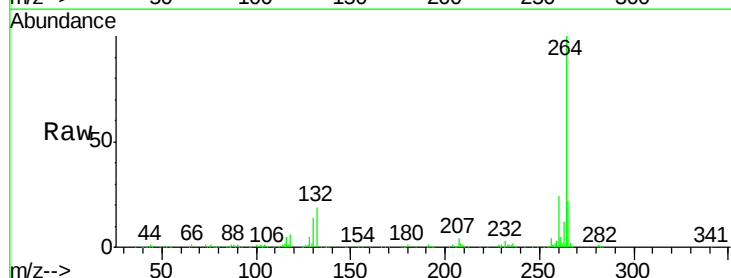


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. -0.11 min
 Lab File: BF078797.D
 Acq: 29 Apr 2015 2:09

Tgt Ion:264 Resp: 303911
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.1 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

