

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF077993.D
 Acq On : 26 Mar 2015 14:13
 Operator : TP/IZ
 Sample : PB82346BL
 Misc : LOD/LOQ-SOIL- BLK
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Quant Time: Mar 27 05:28:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 00:54:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	33025	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	139399	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	66704	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	139558	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	153896	20.00	ng	-0.06
86) Perylene-d12	17.70	264	150148	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	263713	139.38	ng	0.00
7) Phenol-d6	6.67	99	312757	133.80	ng	-0.01
23) Nitrobenzene-d5	7.79	82	190921	89.78	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	78912	123.65	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	421877	92.95	ng	0.00
78) Terphenyl-d14	14.67	244	517645	82.16	ng	-0.01

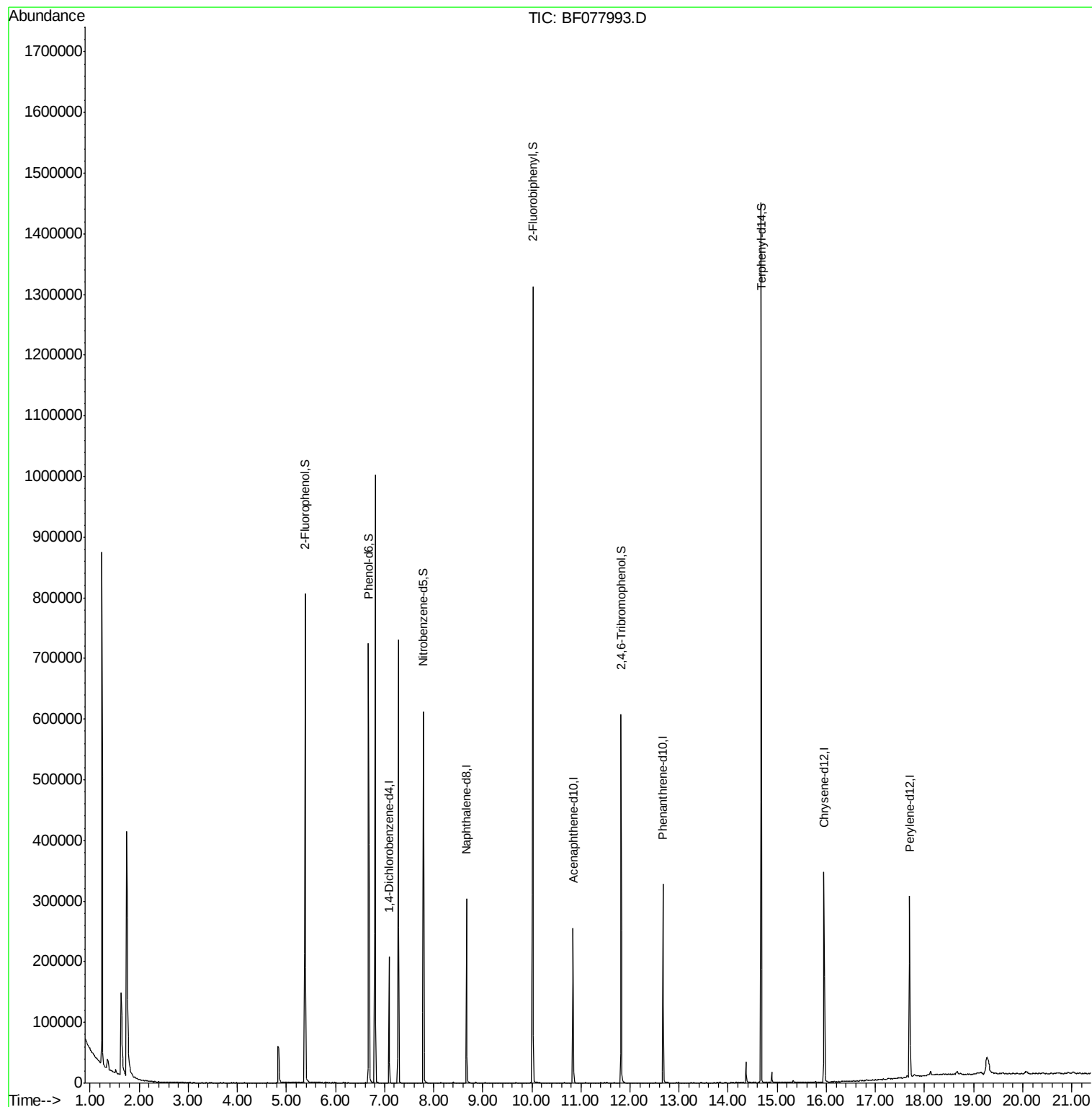
Target Compounds	Qvalue
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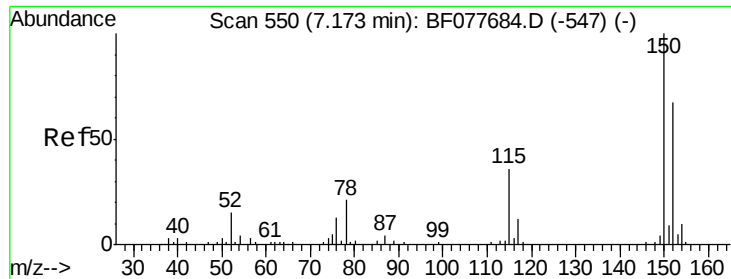
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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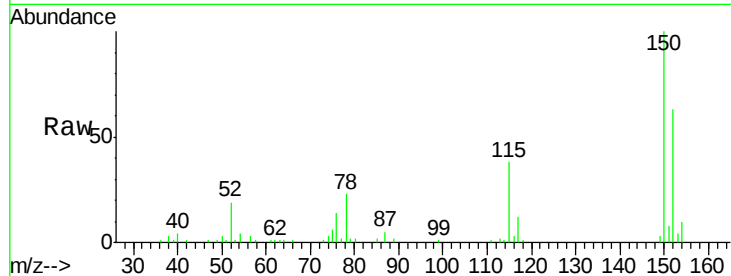




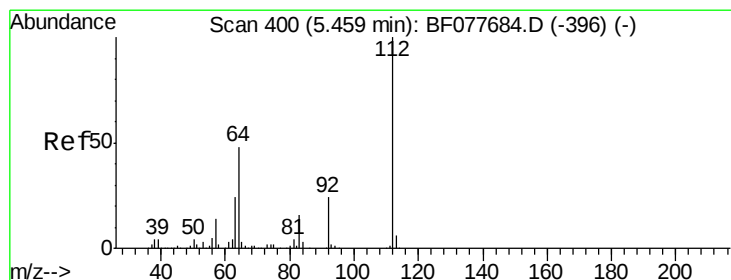
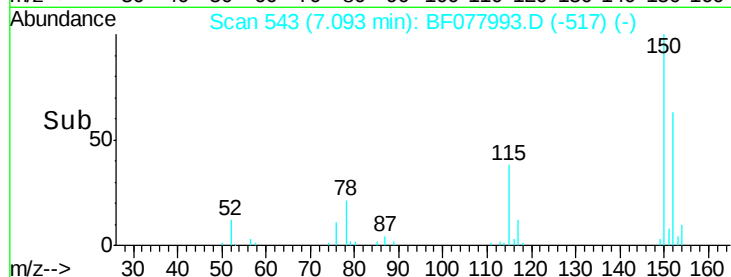
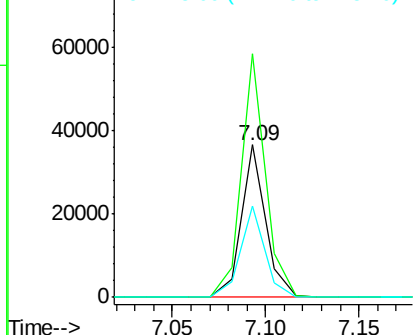
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion:152 Resp: 33025
 Ion Ratio Lower Upper
 152 100
 150 159.6 119.5 179.3
 115 60.1 43.0 64.4

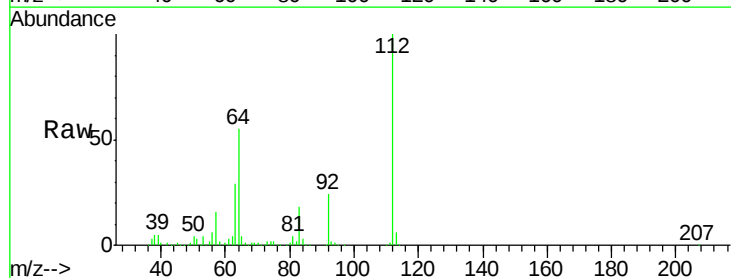


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

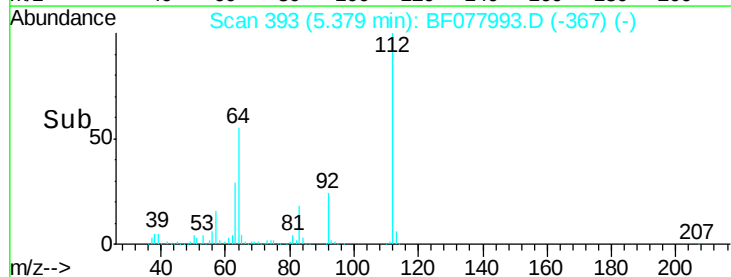
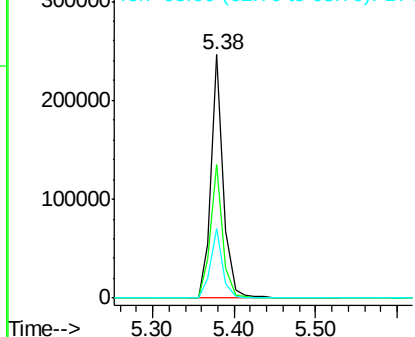


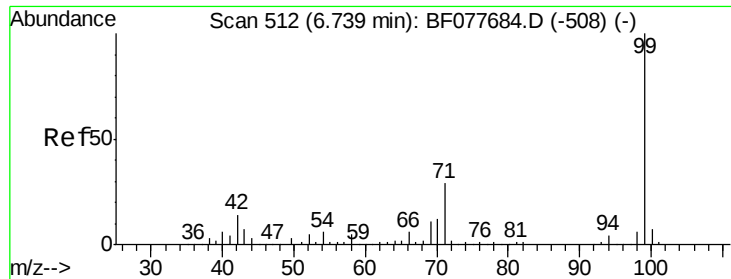
#5
 2-Fluorophenol
 Concen: 139.38 ng
 RT: 5.38 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion:112 Resp: 263713
 Ion Ratio Lower Upper
 112 100
 64 55.1 38.6 57.8
 63 28.5 19.3 28.9



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: 133.80 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

Instrument :

BNA_F

ClientSampleId :

PB82346BL

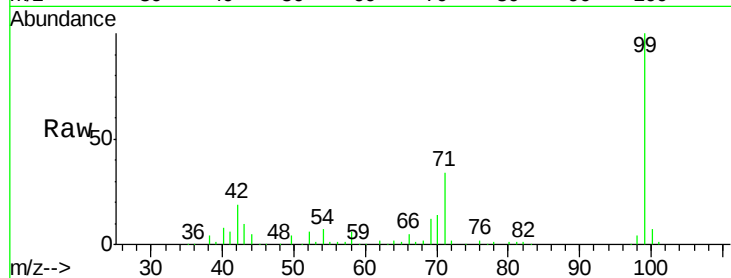
Tgt Ion: 99 Resp: 312757

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

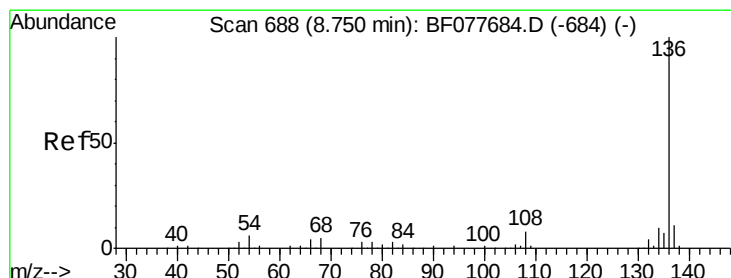
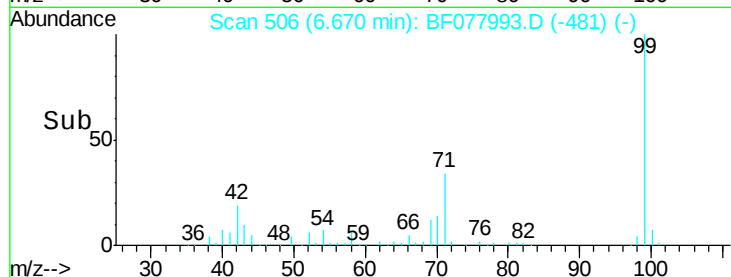
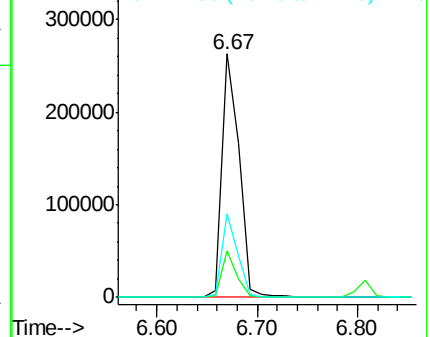
71 34.4 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077993.D

Acq: 26 Mar 2015 14:13

Tgt Ion: 136 Resp: 139399

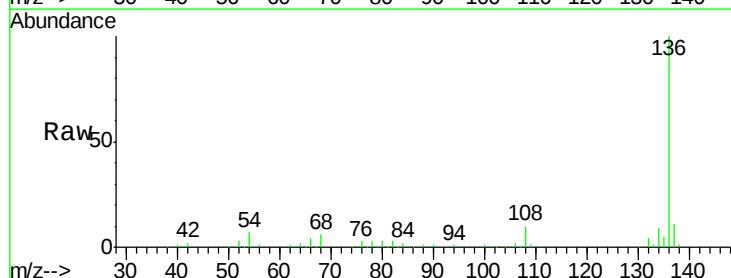
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.7 4.6 6.8

68 5.6 3.7 5.5#

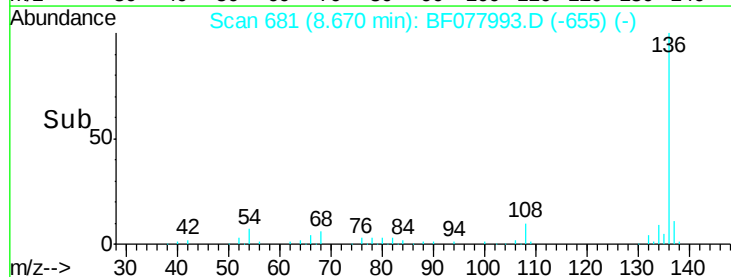
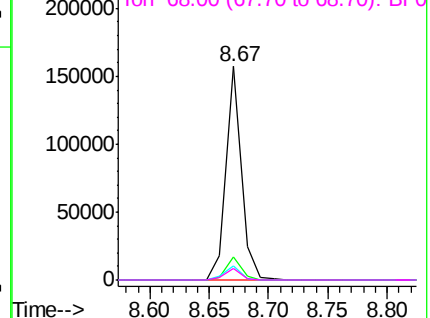


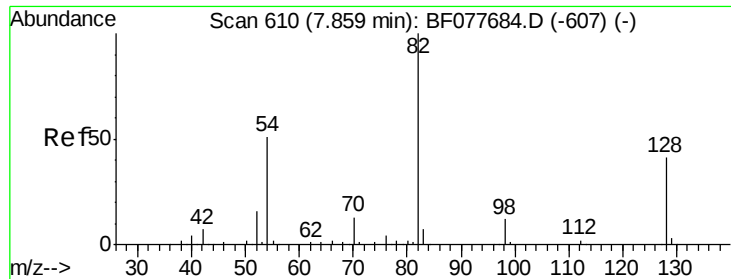
Abundance Ion 136.00 (135.70 to 136.70): E

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

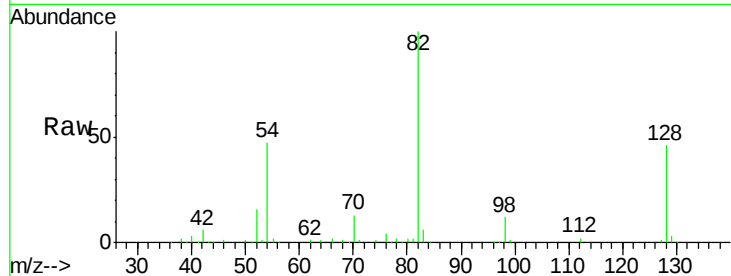




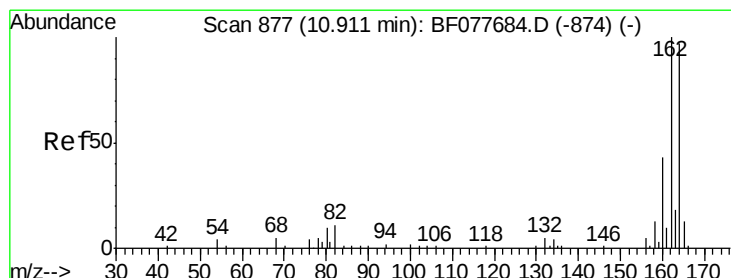
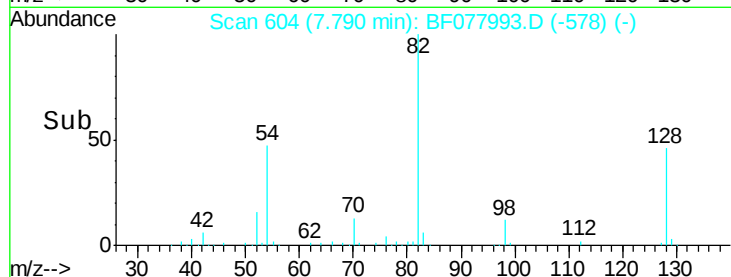
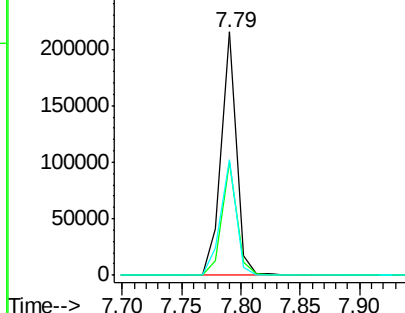
#23
 Nitrobenzene-d5
 Concen: 89.78 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	32.8	49.2
54	47.3	40.6	60.8

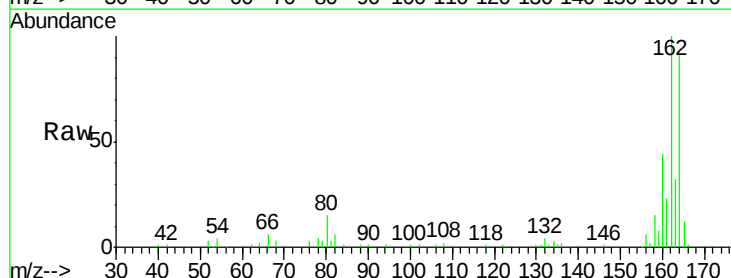


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

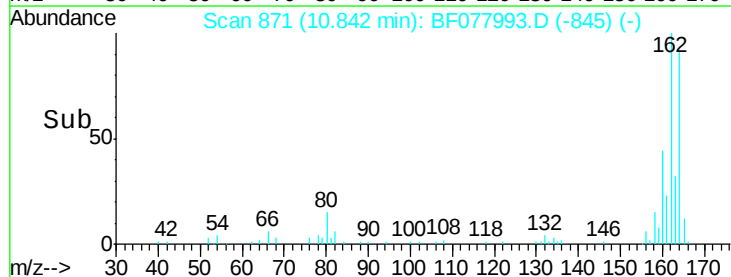
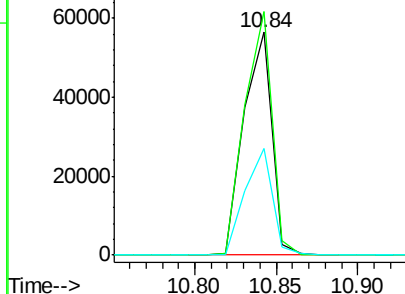


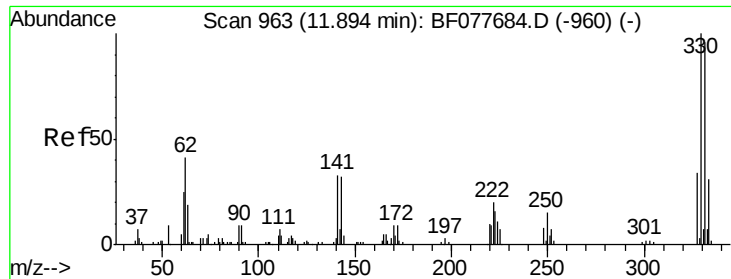
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.4	123.6
160	48.1	35.8	53.6



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

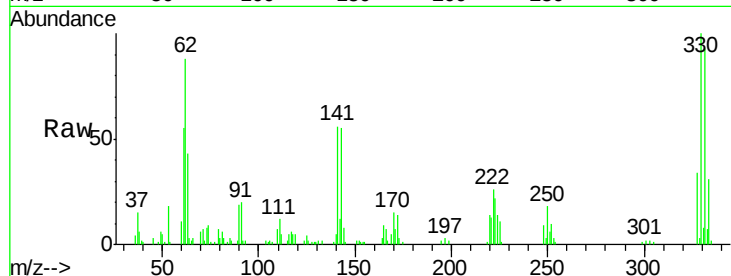




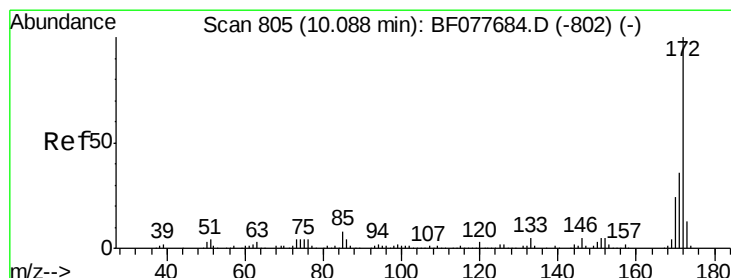
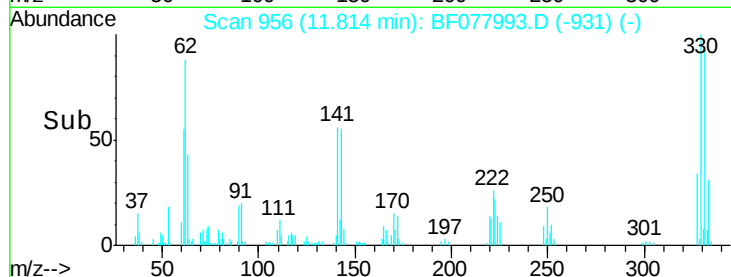
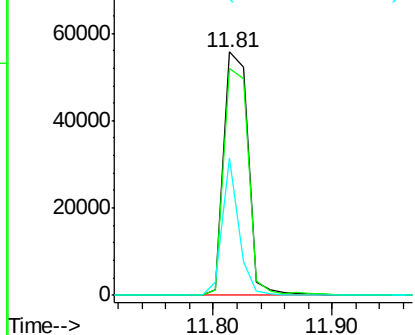
#41
 2,4,6-Tribromophenol
 Concen: 123.65 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion:330 Resp: 78912
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 37.6 0.0 0.0#

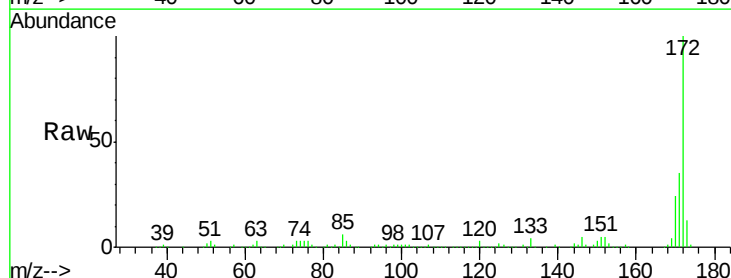


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

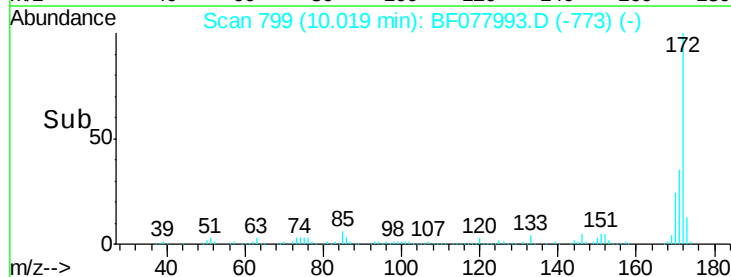
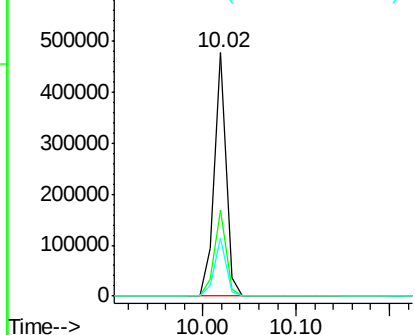


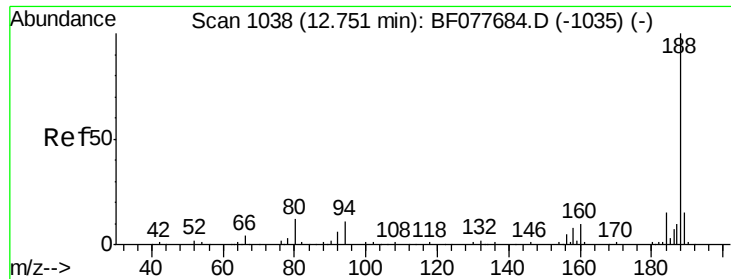
#44
 2-Fluorobiphenyl
 Concen: 92.95 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion:172 Resp: 421877
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 18.8 28.2



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

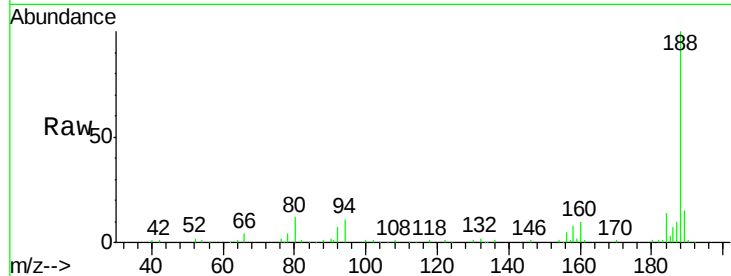




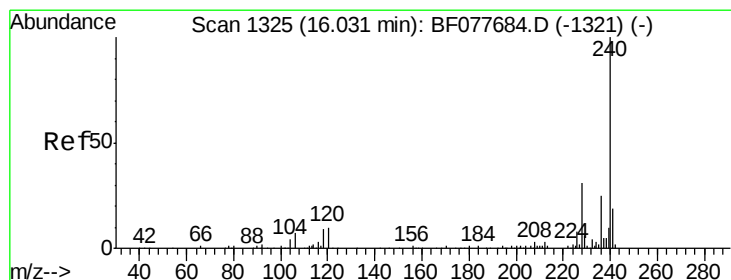
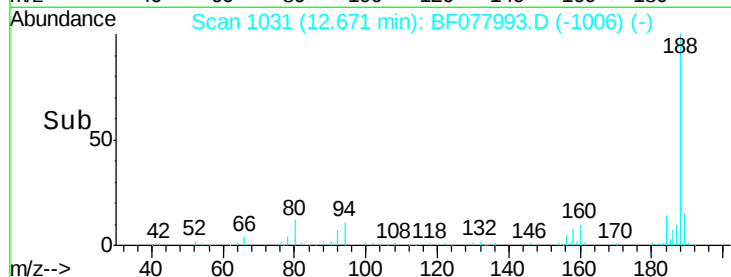
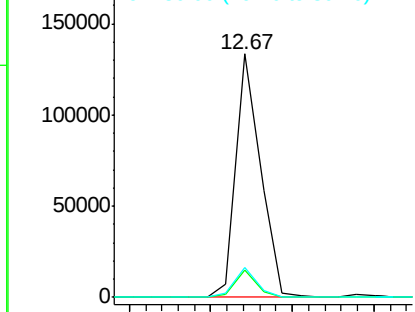
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077993.D
Acq: 26 Mar 2015 14:13

Instrument :
BNA_F
ClientSampleId :
PB82346BL

Tgt Ion:188 Resp: 139558
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.2 9.3 13.9

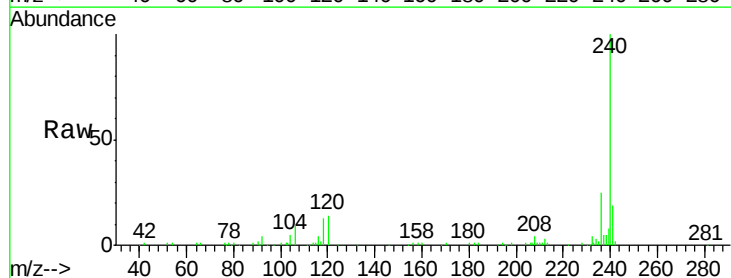


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

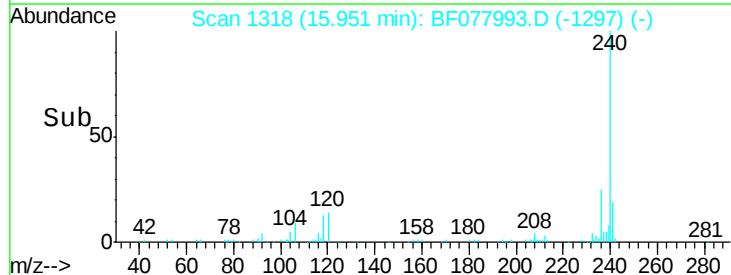
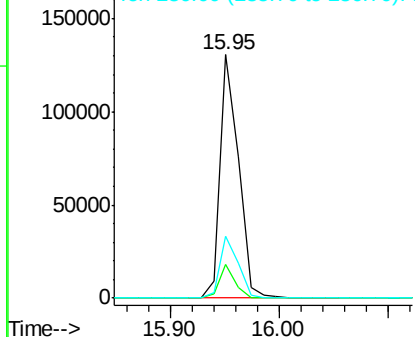


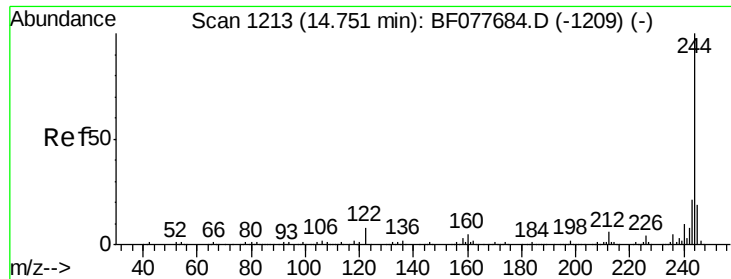
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF077993.D
Acq: 26 Mar 2015 14:13

Tgt Ion:240 Resp: 153896
Ion Ratio Lower Upper
240 100
120 13.7 8.2 12.2#
236 25.3 20.0 30.0



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

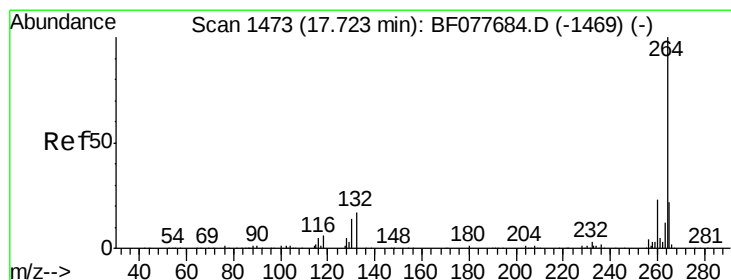
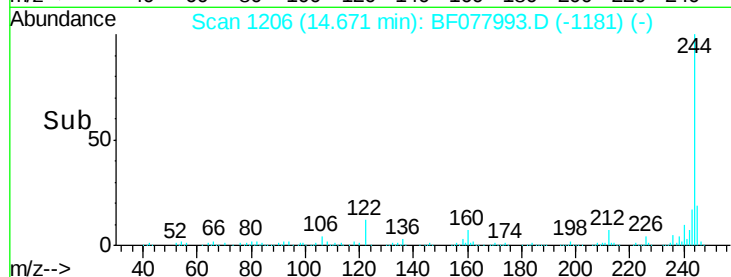
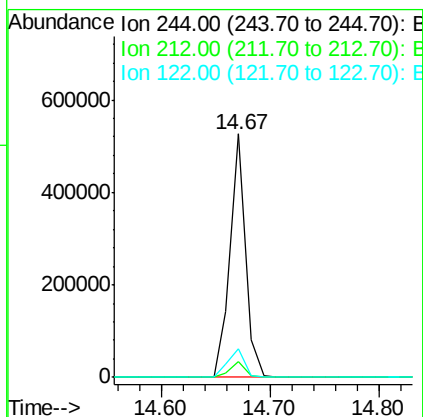
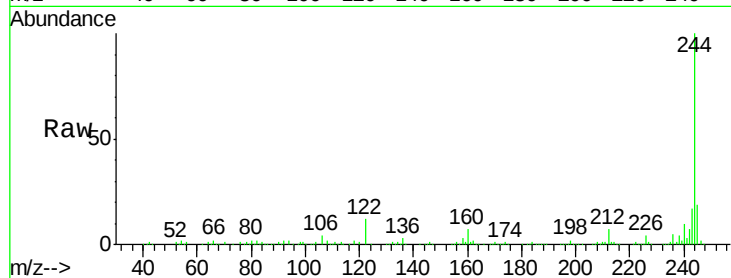




#78
 Terphenyl-d14
 Concen: 82.16 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB82346BL

Tgt Ion: 244 Resp: 517645
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.9 7.3
 122 11.8 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.19 min
 Lab File: BF077993.D
 Acq: 26 Mar 2015 14:13

Tgt Ion: 264 Resp: 150148
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.0 17.3 25.9

