

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078477.D
 Acq On : 13 Apr 2015 23:21
 Operator : TP/IZ
 Sample : PB82691BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BL

Quant Time: Apr 14 02:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	31518	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	130242	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	63674	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	128012	20.00	ng	0.00
75) Chrysene-d12	15.63	240	138782	20.00	ng	-0.02
86) Perylene-d12	17.34	264	137712	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	245350	128.35	ng	0.00
7) Phenol-d6	6.42	99	297343	124.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	181670	84.55	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	78001	147.70	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	397829	89.31	ng	0.00
78) Terphenyl-d14	14.38	244	494472	80.51	ng	-0.01

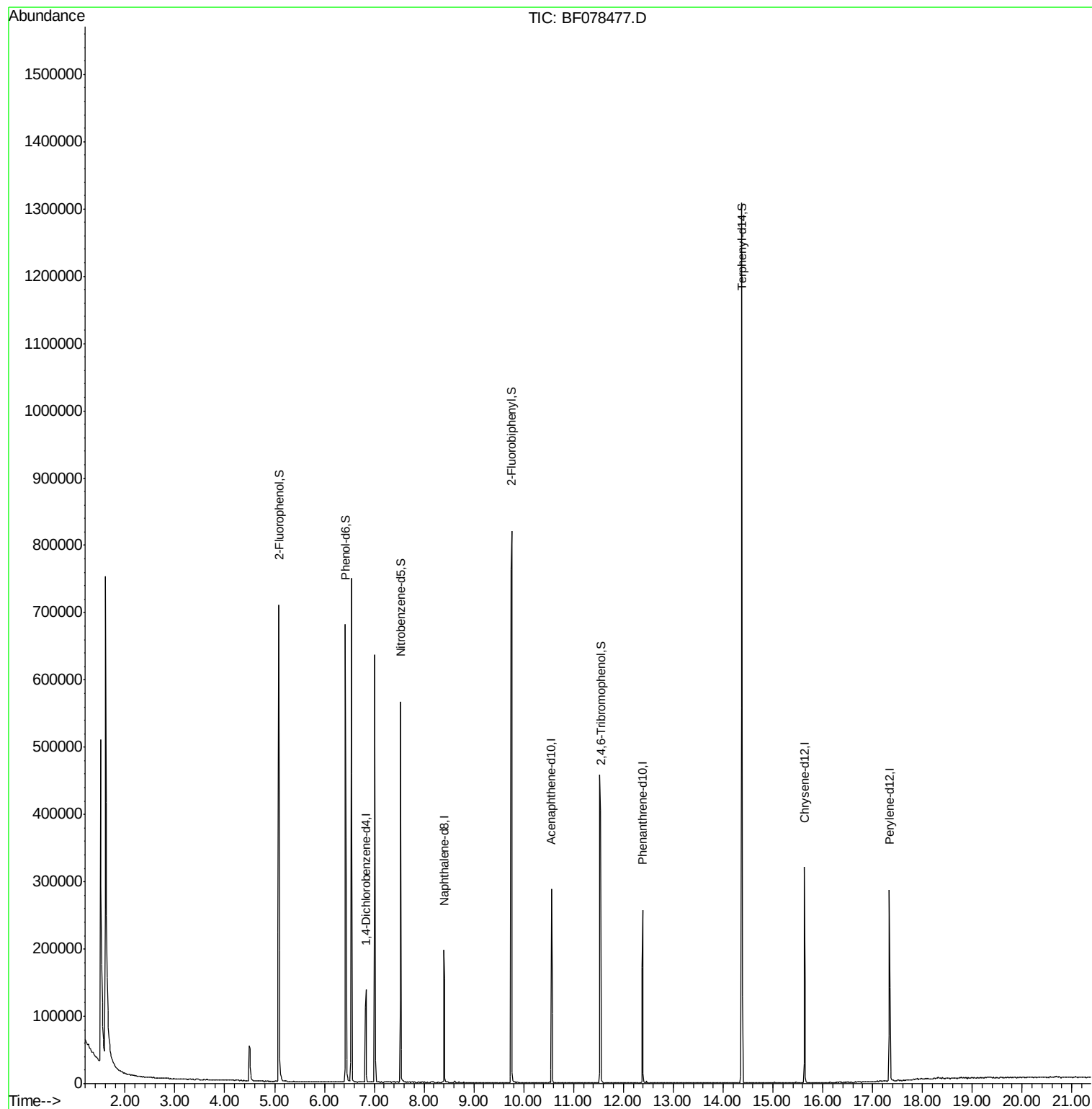
Target Compounds Qvalue

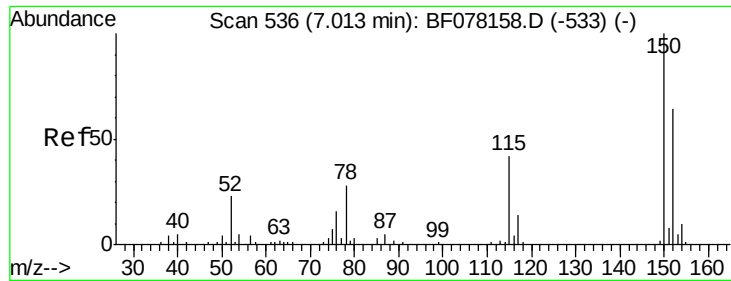
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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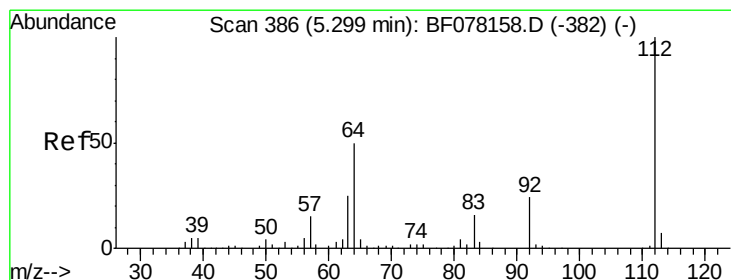
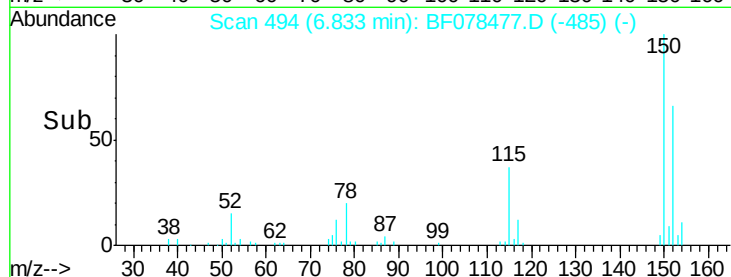
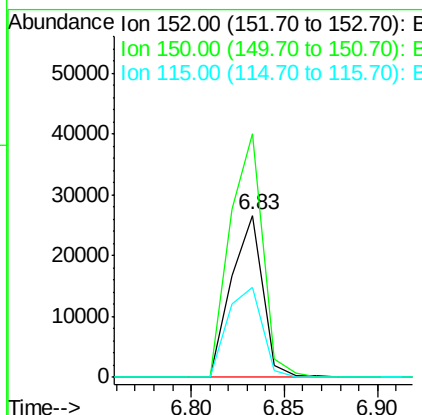
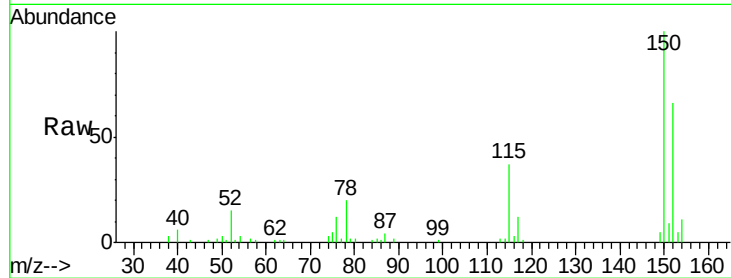




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

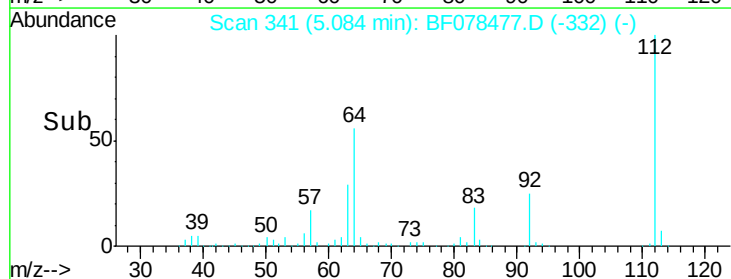
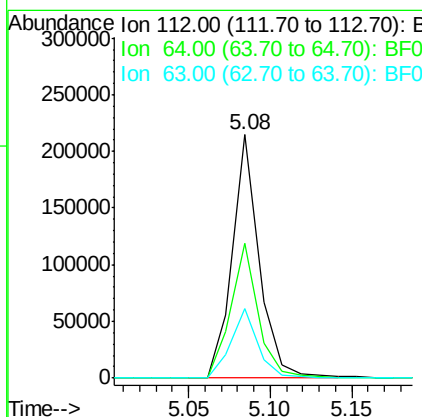
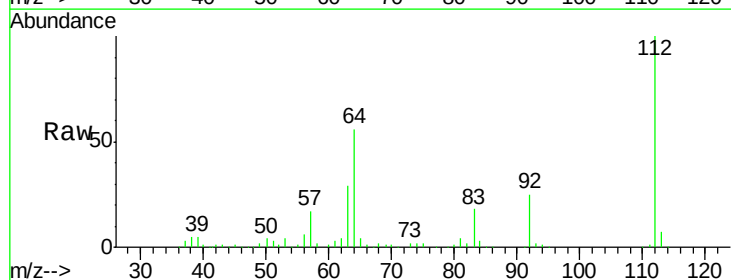
Instrument :
 BNA_F
 ClientSampleId :
 PB82691BL

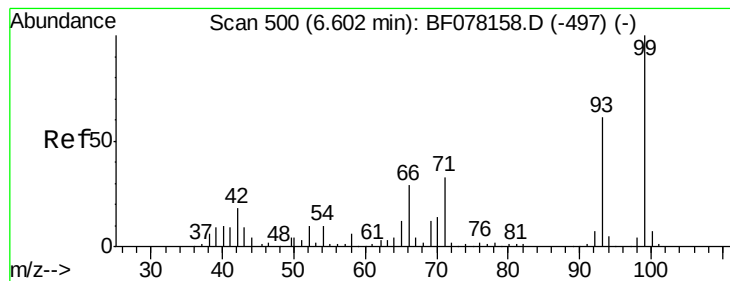
Tgt Ion:152 Resp: 31518
 Ion Ratio Lower Upper
 152 100
 150 150.5 125.9 188.9
 115 55.2 52.7 79.1



#5
 2-Fluorophenol
 Concen: 128.35 ng
 RT: 5.08 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Tgt Ion:112 Resp: 245350
 Ion Ratio Lower Upper
 112 100
 64 55.6 39.9 59.9
 63 28.6 20.2 30.4





#7

Phenol-d6

Concen: 124.12 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078477.D

Acq: 13 Apr 2015 23:21

Instrument :

BNA_F

ClientSampleId :

PB82691BL

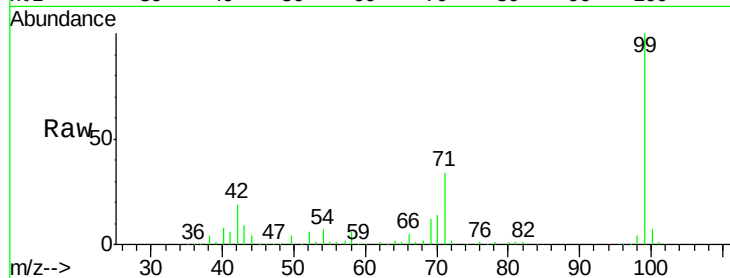
Tgt Ion: 99 Resp: 297343

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

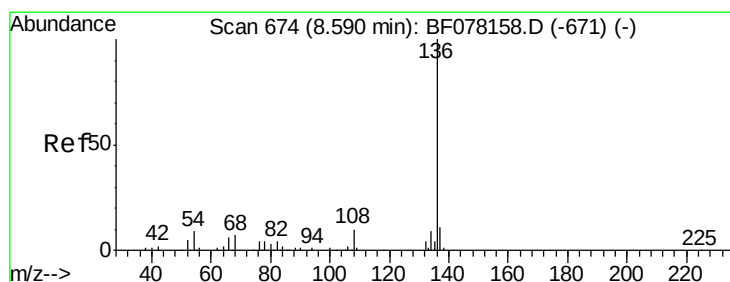
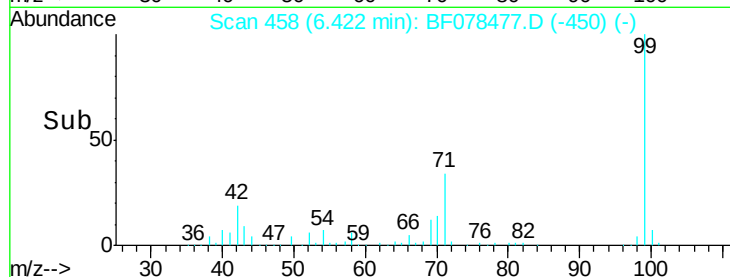
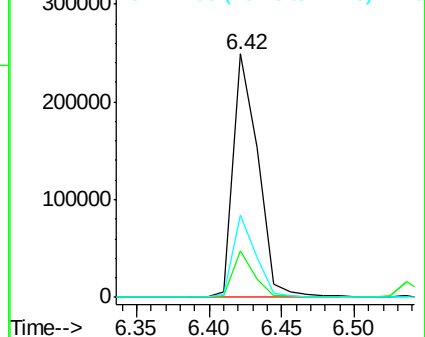
71 33.8 26.6 39.8



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: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF078477.D

Acq: 13 Apr 2015 23:21

Tgt Ion: 136 Resp: 130242

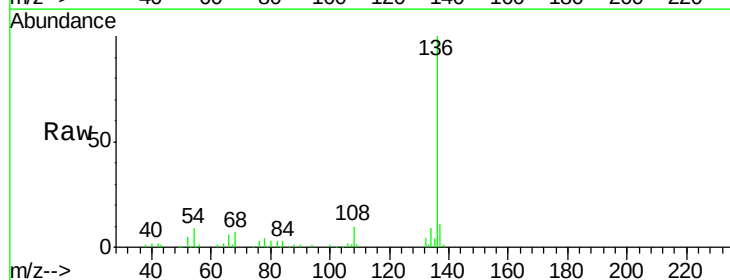
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.6 7.0 10.6

68 6.6 5.4 8.2

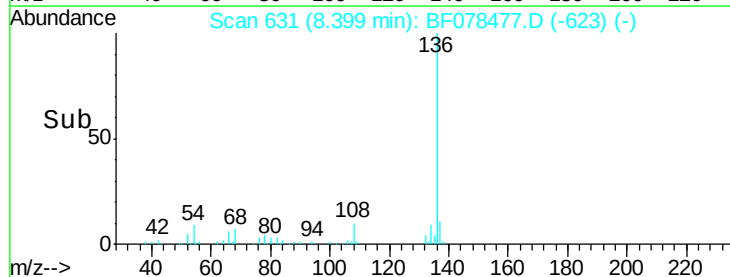
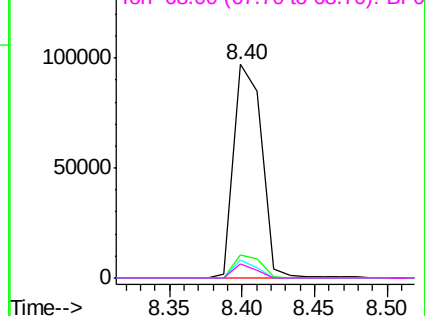


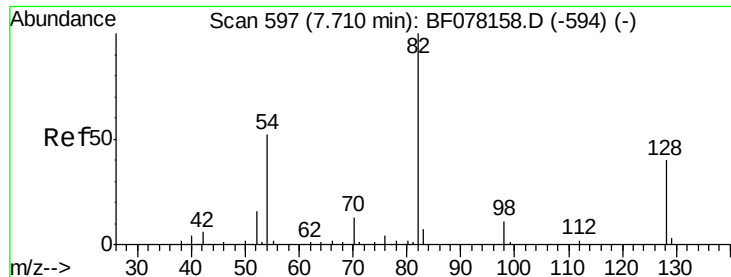
Abundance Ion 136.00 (135.70 to 136.70): E

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

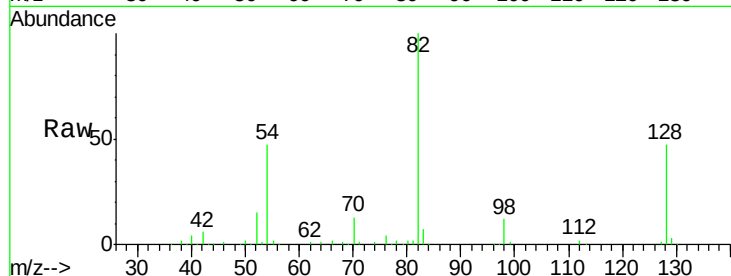




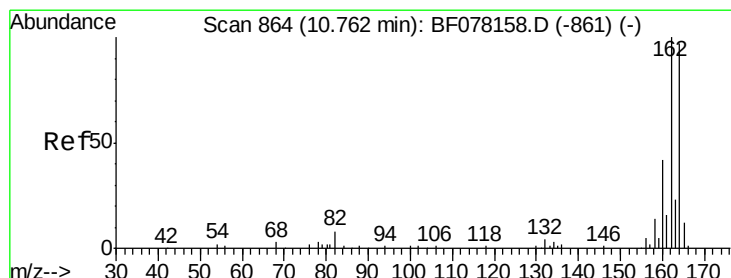
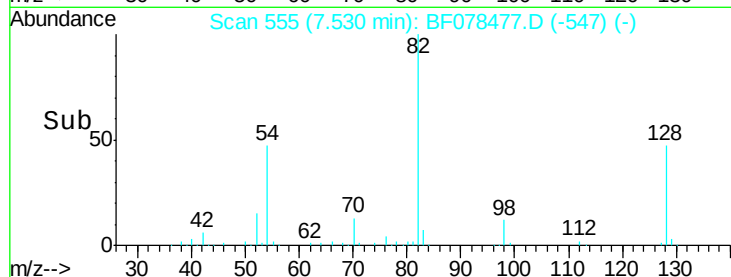
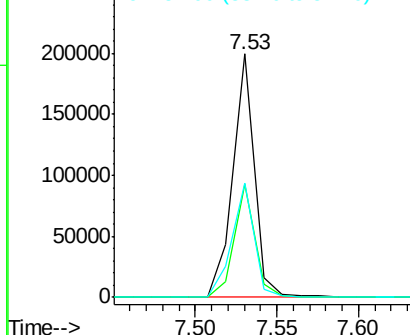
#23
 Nitrobenzene-d5
 Concen: 84.55 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.8
54	47.1	41.5	62.3

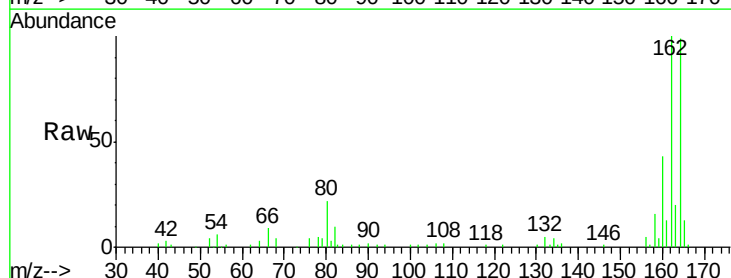


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

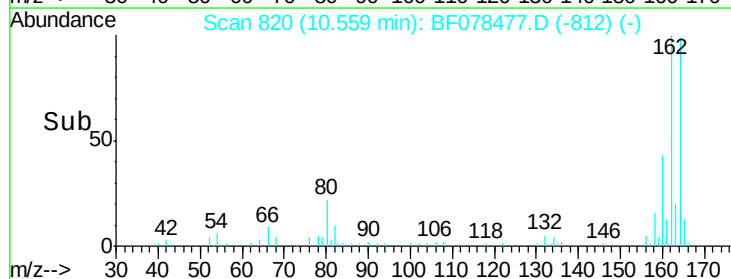
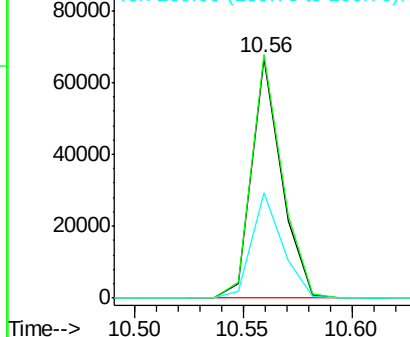


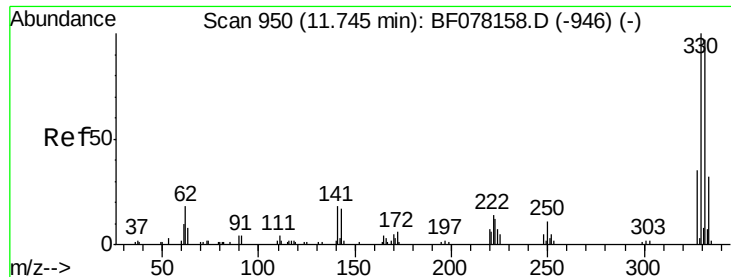
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.2	123.2
160	43.8	34.7	52.1



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

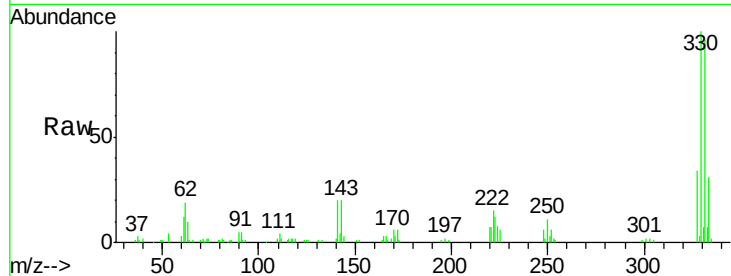




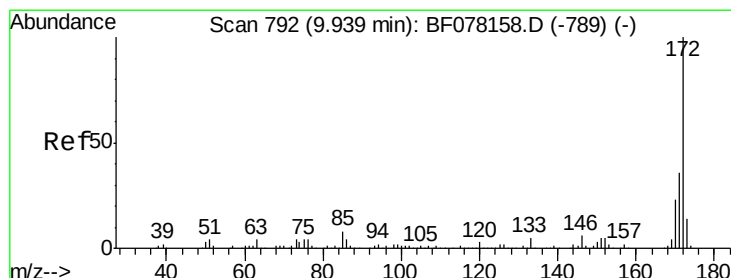
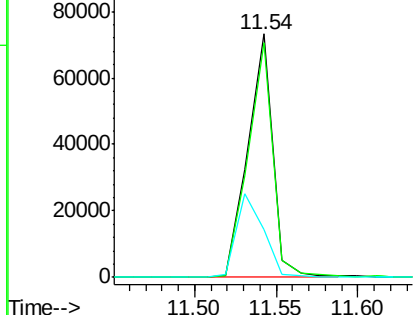
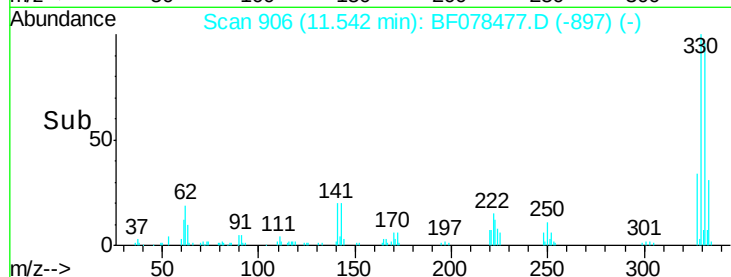
#41
 2,4,6-Tribromophenol
 Concen: 147.70 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Instrument :
 BNA_F
 ClientSampleID :
 PB82691BL

Tgt Ion:330 Resp: 78001
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.6 117.8
 141 37.0 31.2 46.8

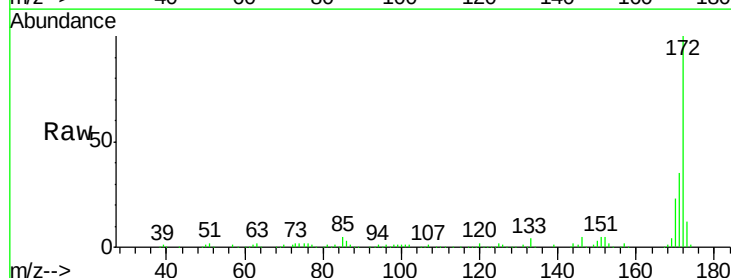


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

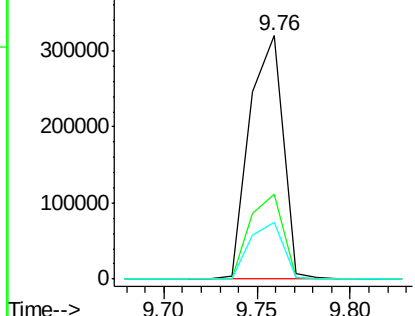
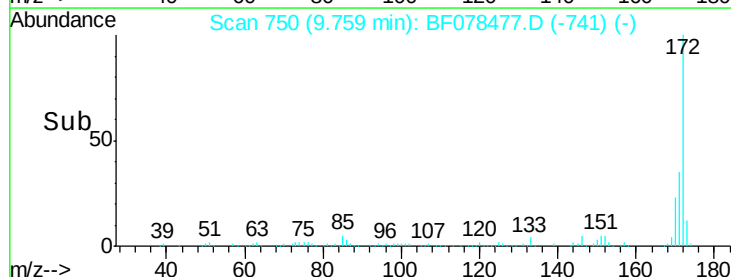


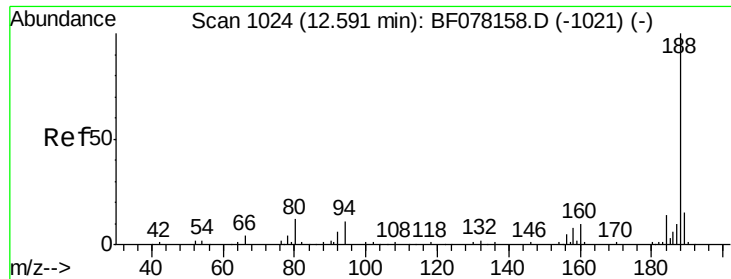
#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Tgt Ion:172 Resp: 397829
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.3 18.5 27.7



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

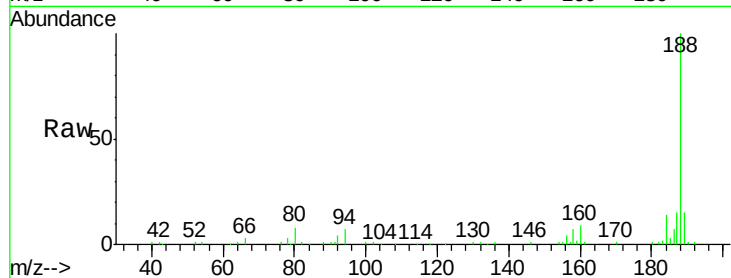




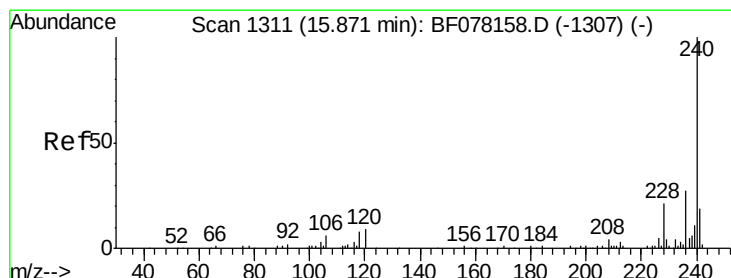
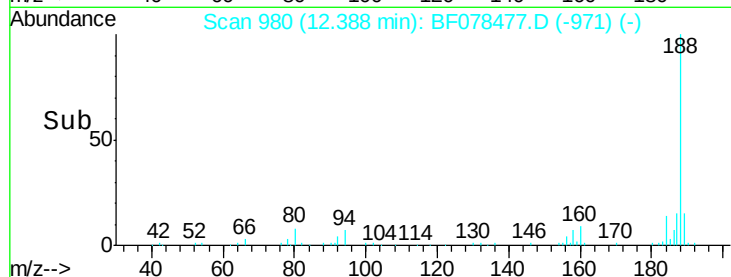
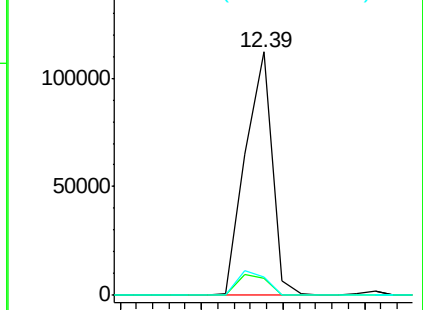
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	128012		
94	7.1	9.0	13.4#	
80	7.6	9.5	14.3#	

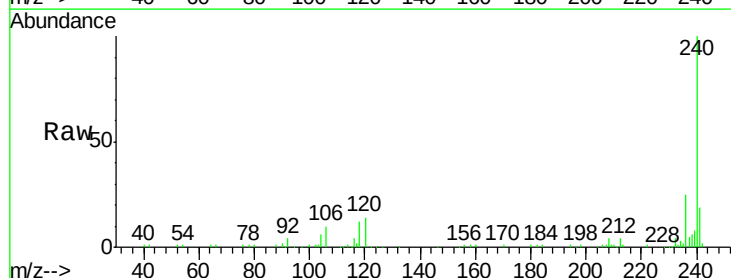


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

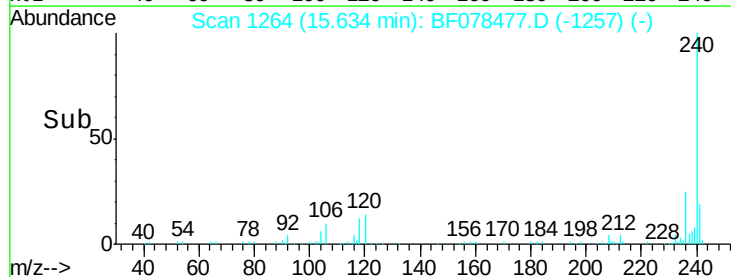
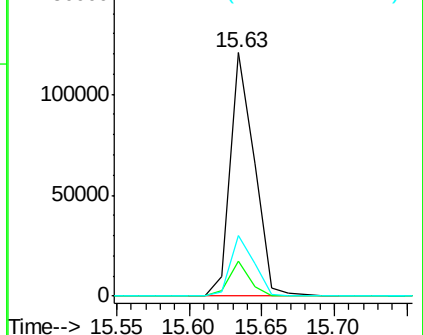


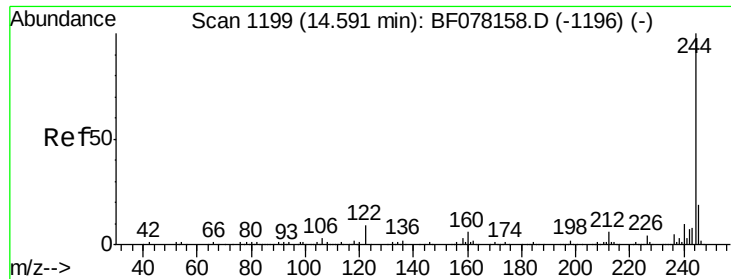
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	138782		
120	14.5	7.1	10.7#	
236	24.9	21.4	32.2	



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

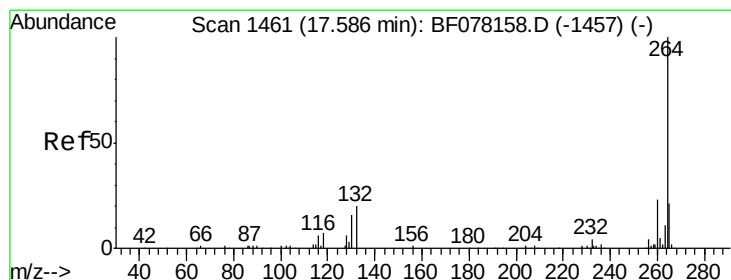
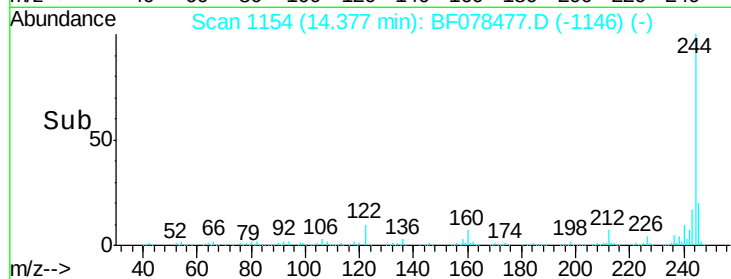
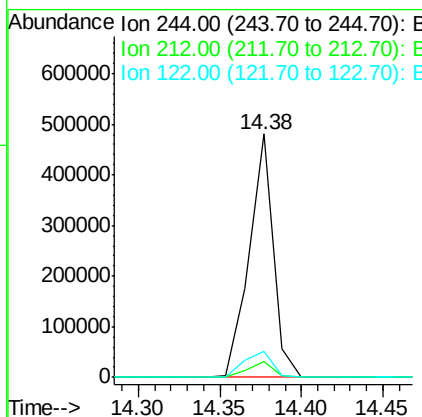
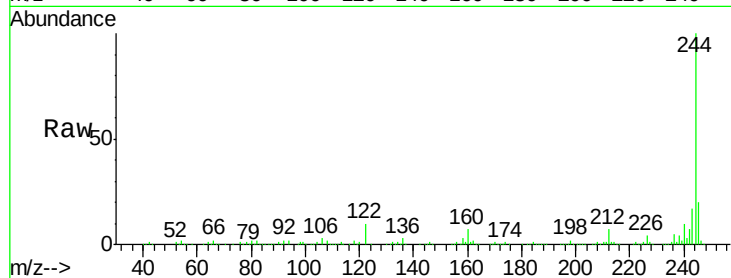




#78
 Terphenyl-d14
 Concen: 80.51 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 PB82691BL

Tgt Ion: 244 Resp: 494472
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.34 min Scan# 1413
 Delta R.T. -0.06 min
 Lab File: BF078477.D
 Acq: 13 Apr 2015 23:21

Tgt Ion: 264 Resp: 137712
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.7 17.0 25.6

