

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078921.D
 Acq On : 4 May 2015 16:26
 Operator : TP/IZ
 Sample : PB83075TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Quant Time: May 05 02:10:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68519	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	282247	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	134877	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	268810	20.00	ng	0.00
75) Chrysene-d12	16.25	240	266112	20.00	ng	-0.07
86) Perylene-d12	18.05	264	265518	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	496716	124.79	ng	0.01
7) Phenol-d6	6.90	99	613297	116.56	ng	0.00
23) Nitrobenzene-d5	8.04	82	366192	74.57	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	176890	121.23	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	749886	77.46	ng	-0.01
78) Terphenyl-d14	14.95	244	953643m	85.80	ng	-0.01

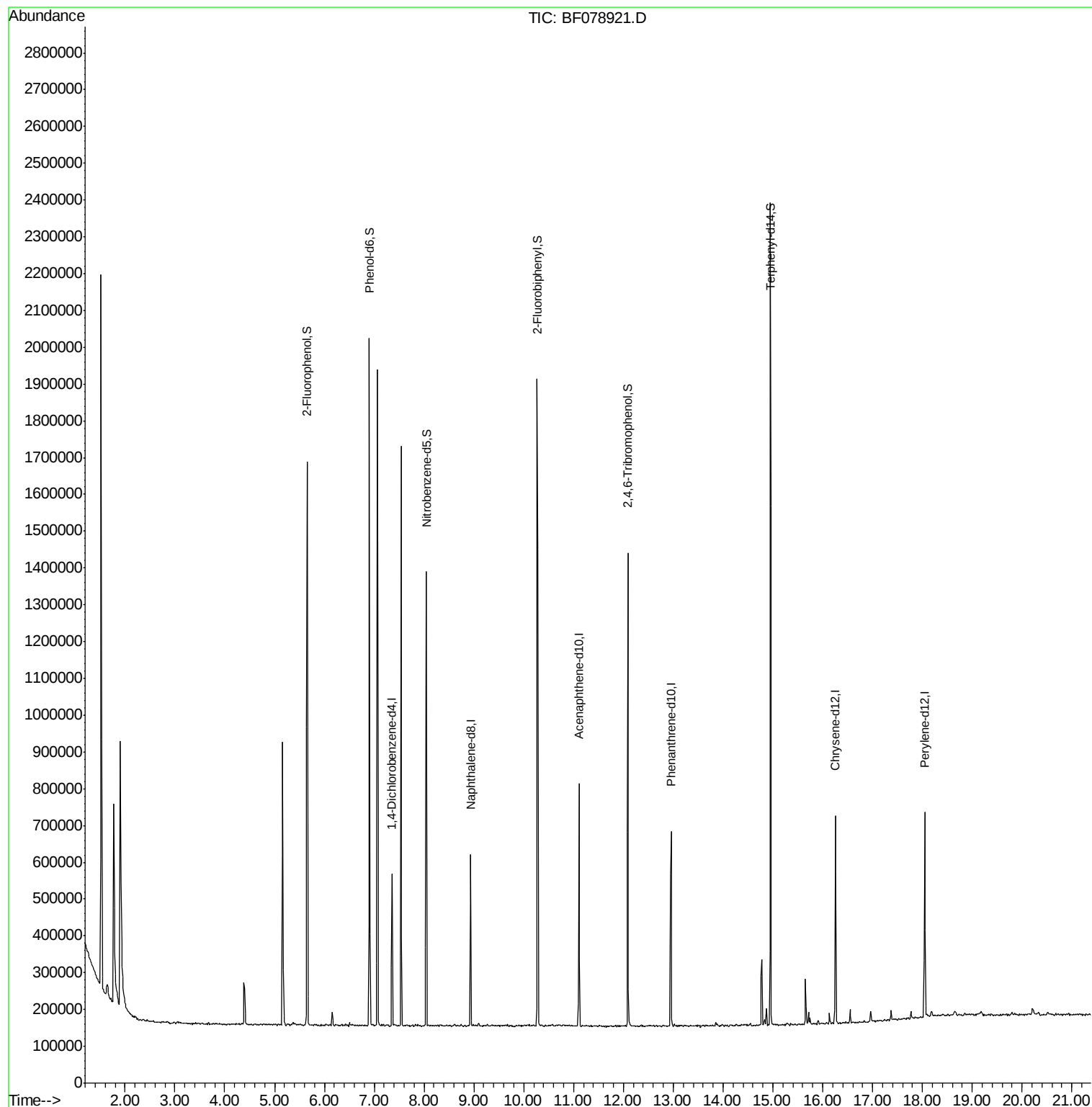
Target Compounds Qvalue

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

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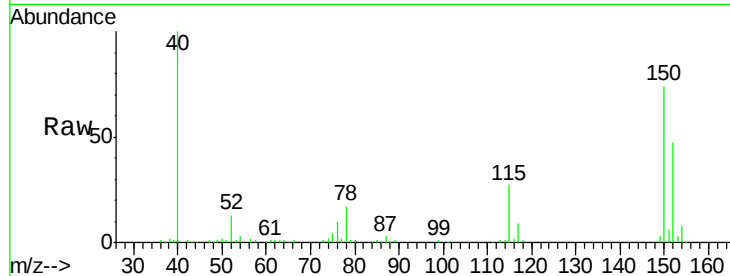


#1

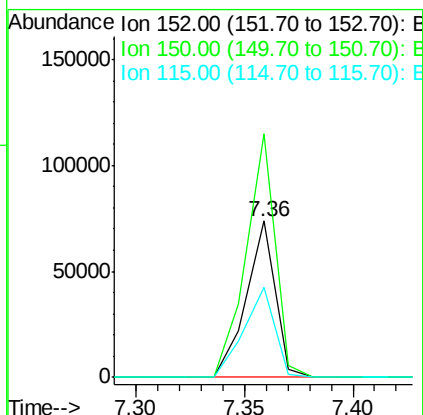
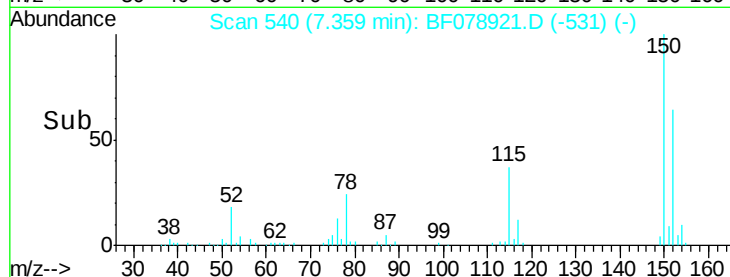
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078921.D
Acq: 4 May 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB83075TB

Tot Ion:152 Resp: 68519
Ion Ratio Lower Upper
152 100
150 155.6 122.0 183.0
115 57.2 46.3 69.5



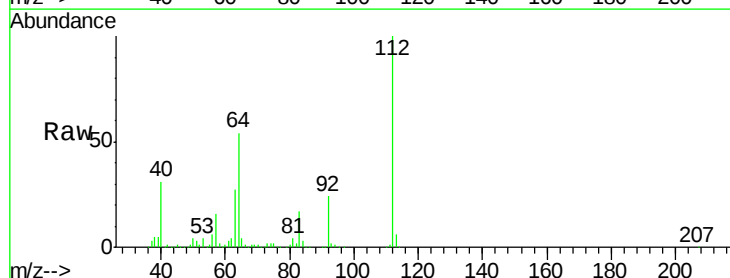
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



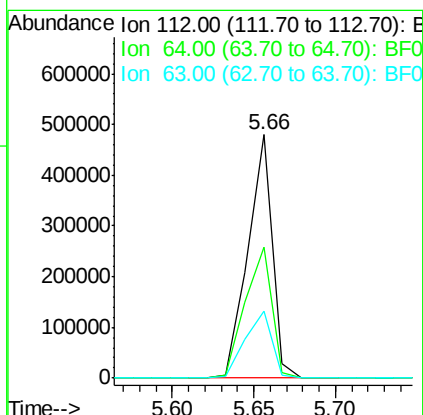
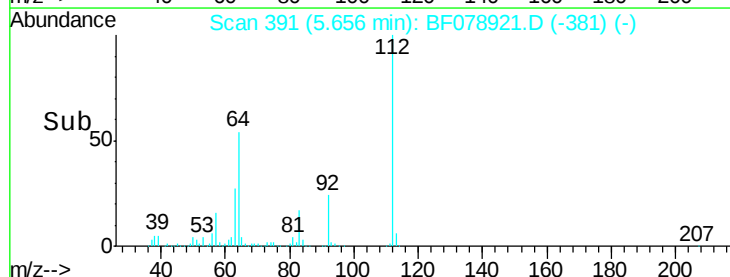
#5

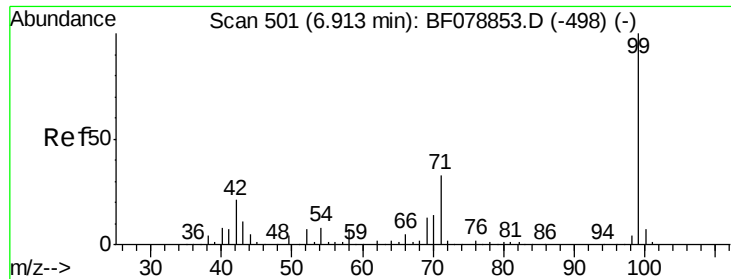
2-Fluorophenol
Concen: 124.79 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078921.D
Acq: 4 May 2015 16:26

Tgt Ion:112 Resp: 496716
Ion Ratio Lower Upper
112 100
64 53.9 53.5 80.3
63 27.3 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: 116.56 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078921.D

Acq: 4 May 2015 16:26

Instrument :

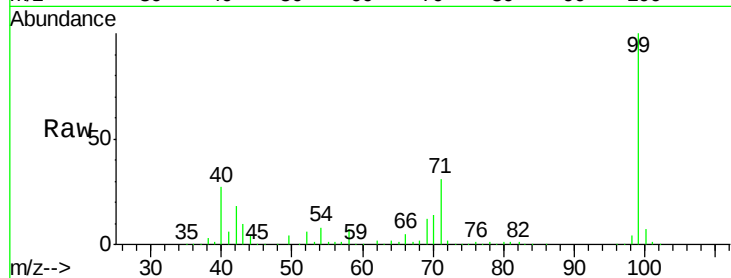
BNA_F

ClientSampleId :

PB83075TB

Tot Ion: 99 Resp: 613297

Ion	Ratio	Lower	Upper
99	100		
42	18.4	12.8	19.2
71	31.4	23.4	35.2

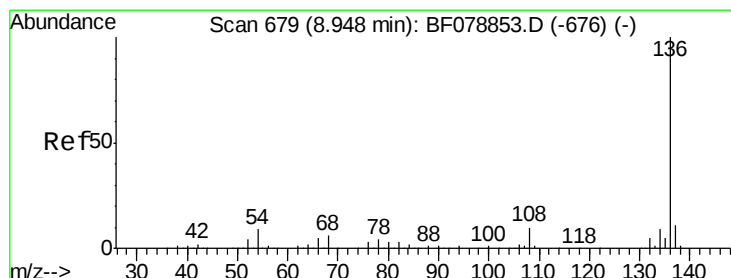
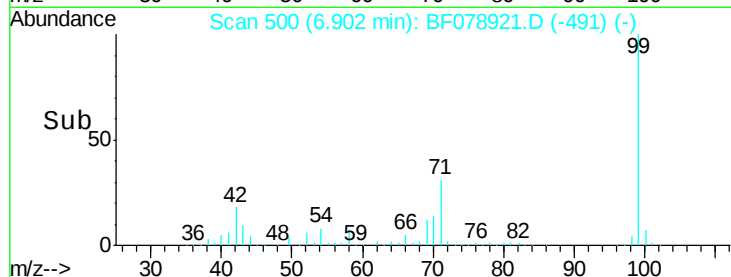
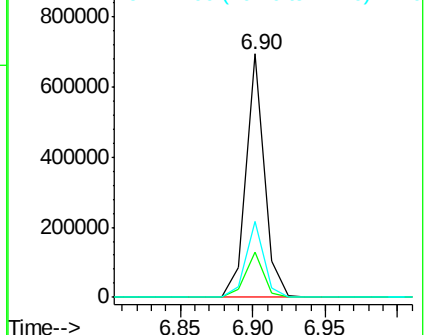


Abundance

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: 8.94 min Scan# 678

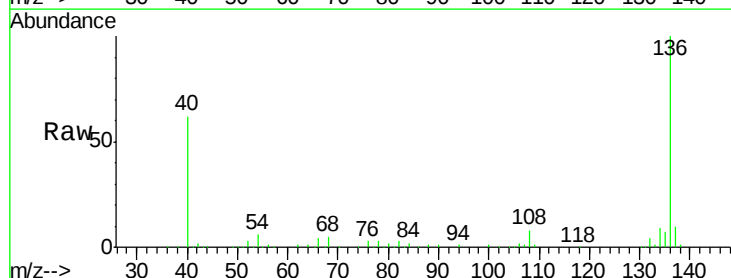
Delta R.T. 0.00 min

Lab File: BF078921.D

Acq: 4 May 2015 16:26

Tgt Ion: 136 Resp: 282247

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.7	13.1
54	5.8	5.8	8.8#
68	4.6	4.2	6.4



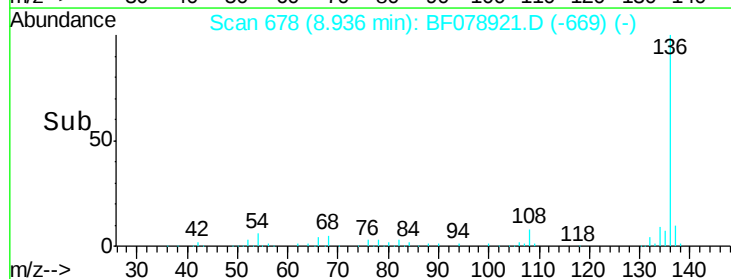
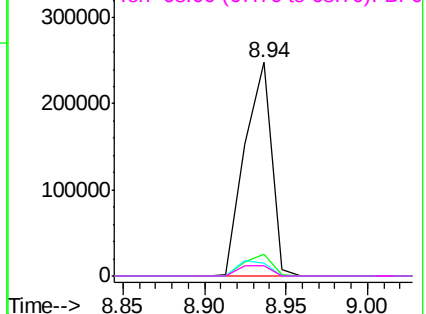
Abundance

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

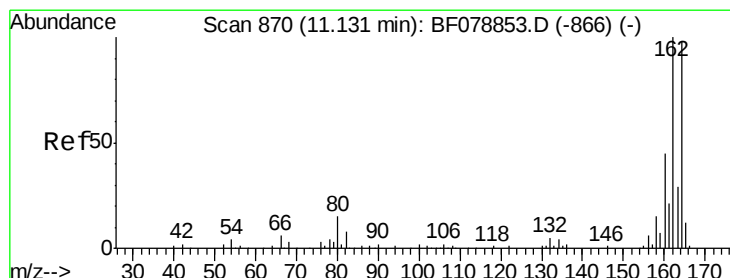
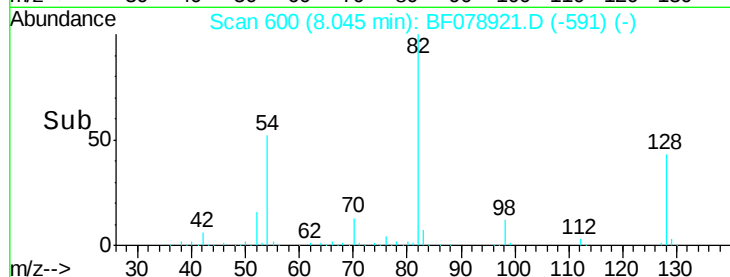
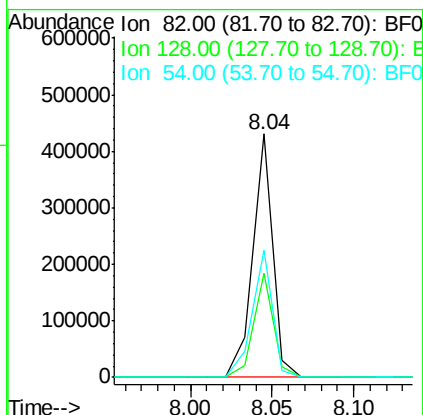
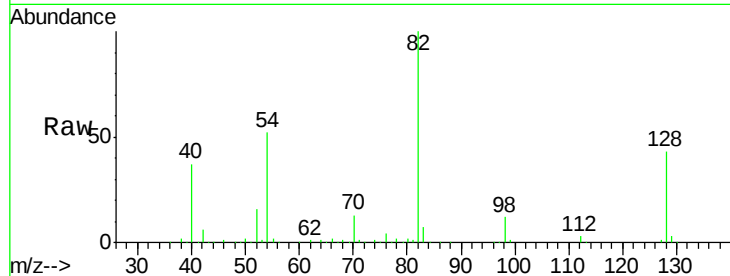




#23
 Nitrobenzene-d5
 Concen: 74.57 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

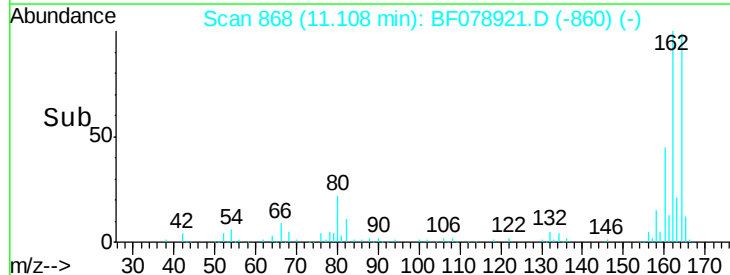
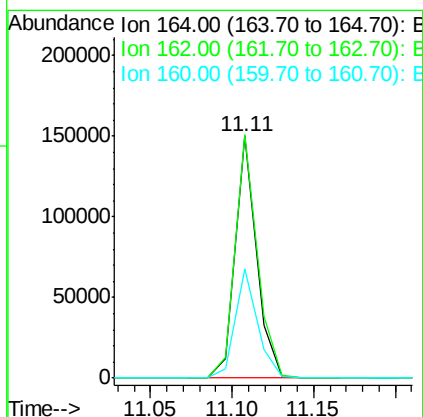
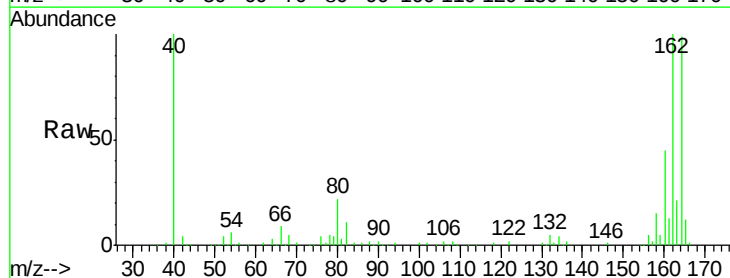
Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tot Ion	82	Resp	366192
Ion Ratio	100	Lower	Upper
128	42.8	30.0	45.0
54	52.3	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion	164	Resp	134877
Ion Ratio	100	Lower	Upper
162	100.6	82.7	124.1
160	45.3	35.8	53.8

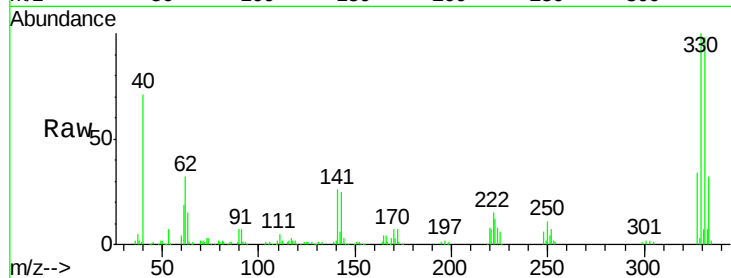




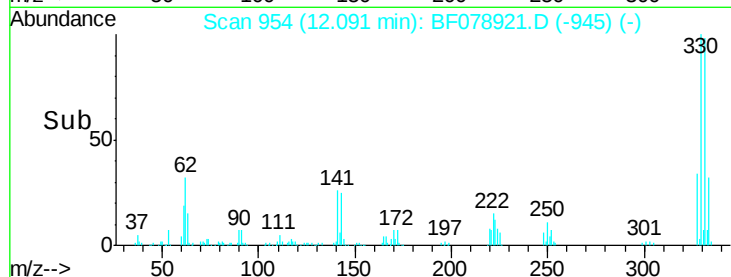
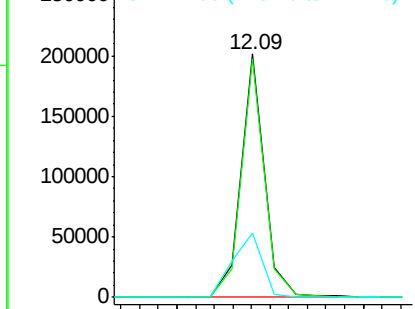
#41
 2,4,6-Tribromophenol
 Concen: 121.23 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tot Ion:330 Resp: 176890
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 33.9 0.0 0.0#

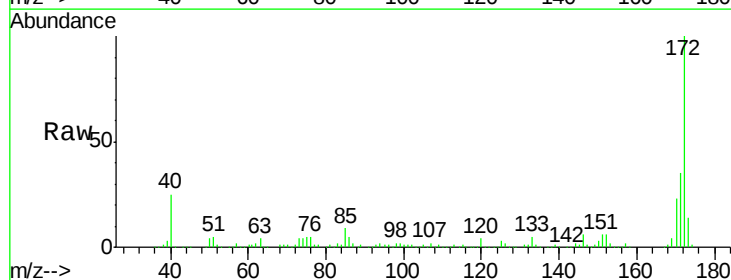


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

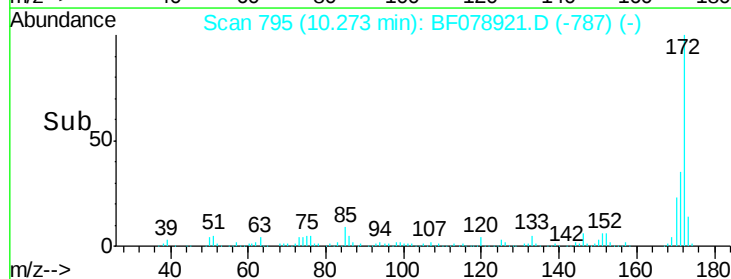
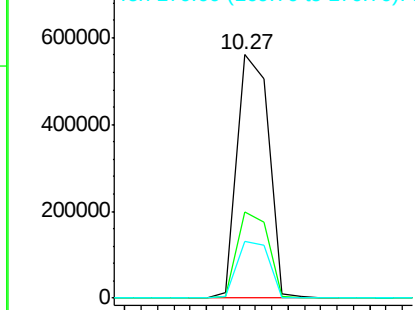


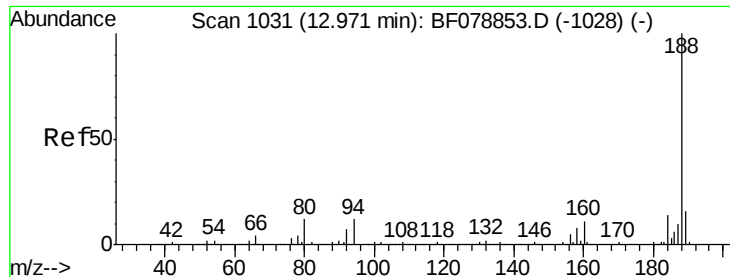
#44
 2-Fluorobiphenyl
 Concen: 77.46 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion:172 Resp: 749886
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 23.2 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

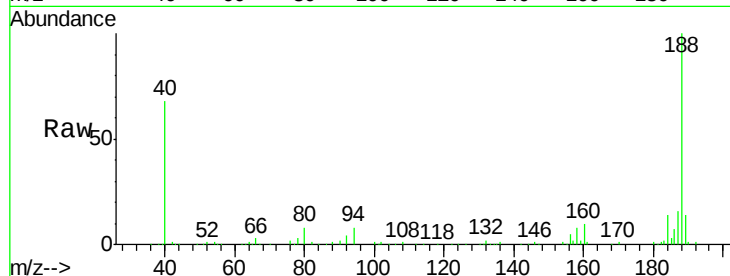




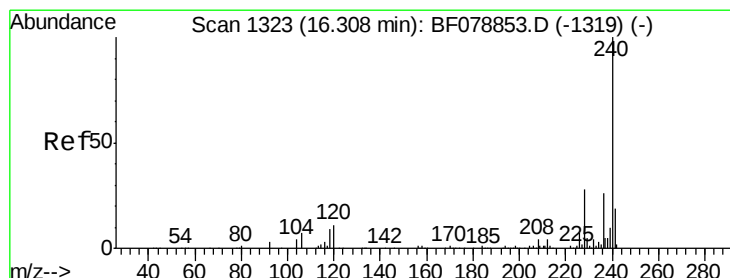
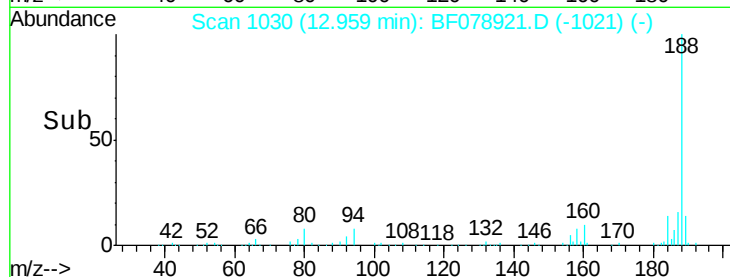
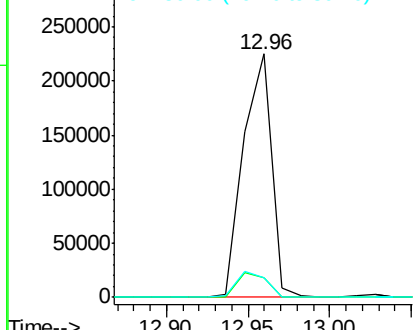
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078921.D
Acq: 4 May 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB83075TB

Tot Ion:188 Resp: 268810
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 7.9 8.9 13.3#

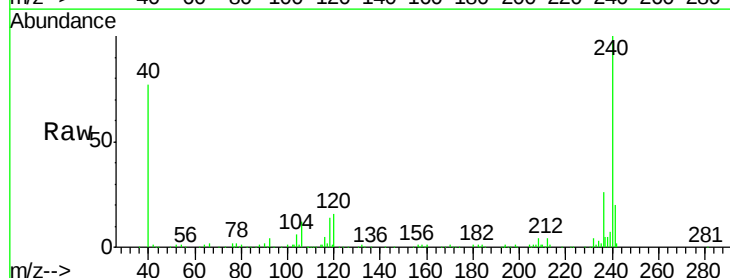


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

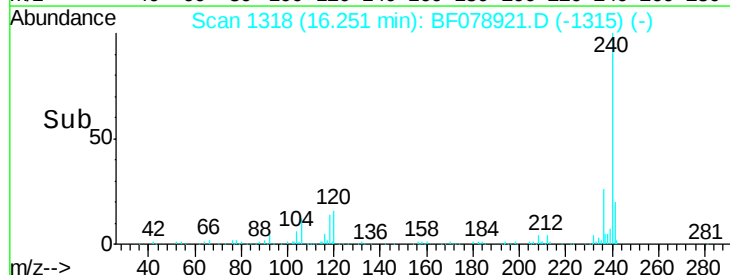
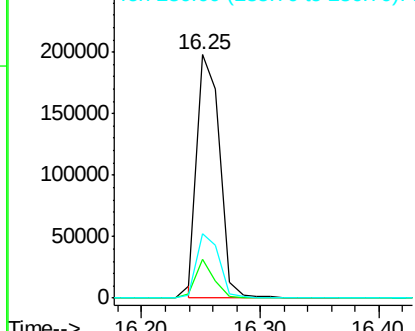


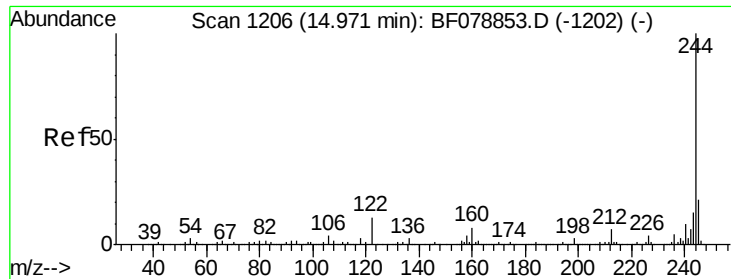
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.07 min
Lab File: BF078921.D
Acq: 4 May 2015 16:26

Tgt Ion:240 Resp: 266112
Ion Ratio Lower Upper
240 100
120 15.7 9.7 14.5#
236 26.3 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

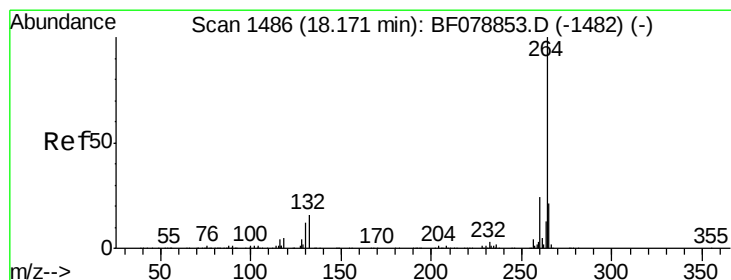
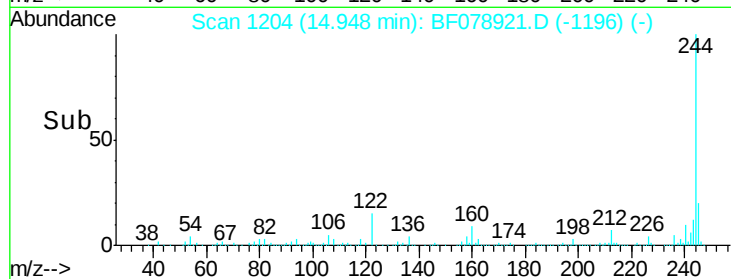
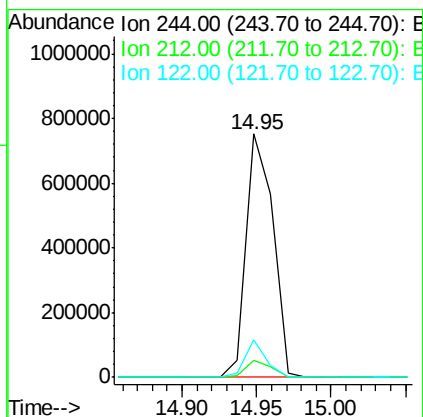
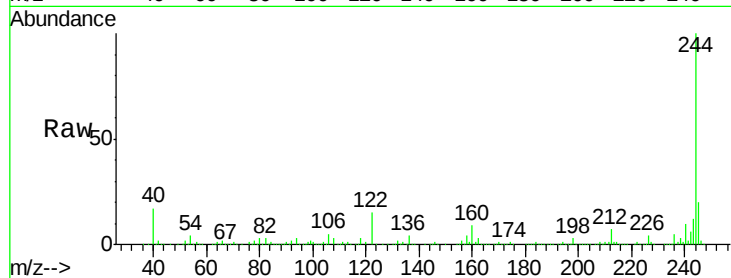




#78
 Terphenyl-d14
 Concen: 85.80 ng/mL
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleID :
 PB83075TB

Tot Ion:244 Resp: 953643
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 15.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng/mL
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.19 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion:264 Resp: 265518
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.7 18.3 27.5

