

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
 Data File : BF078933.D
 Acq On : 5 May 2015 10:36
 Operator : TP/IZ
 Sample : PB83180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Quant Time: May 06 01:09:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 00:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	62138	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	255768	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	124839	20.00	ng	0.00
63) Phenanthrene-d10	12.96	188	252228	20.00	ng	0.00
75) Chrysene-d12	16.27	240	268619	20.00	ng	0.00
86) Perylene-d12	18.14	264	291350	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	503524	139.49	ng	0.01
7) Phenol-d6	6.90	99	604850	126.76	ng	0.00
23) Nitrobenzene-d5	8.04	82	364660	81.94	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	174120	128.93	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	743376	82.96	ng	0.00
78) Terphenyl-d14	14.95	244	948680	84.55	ng	0.00

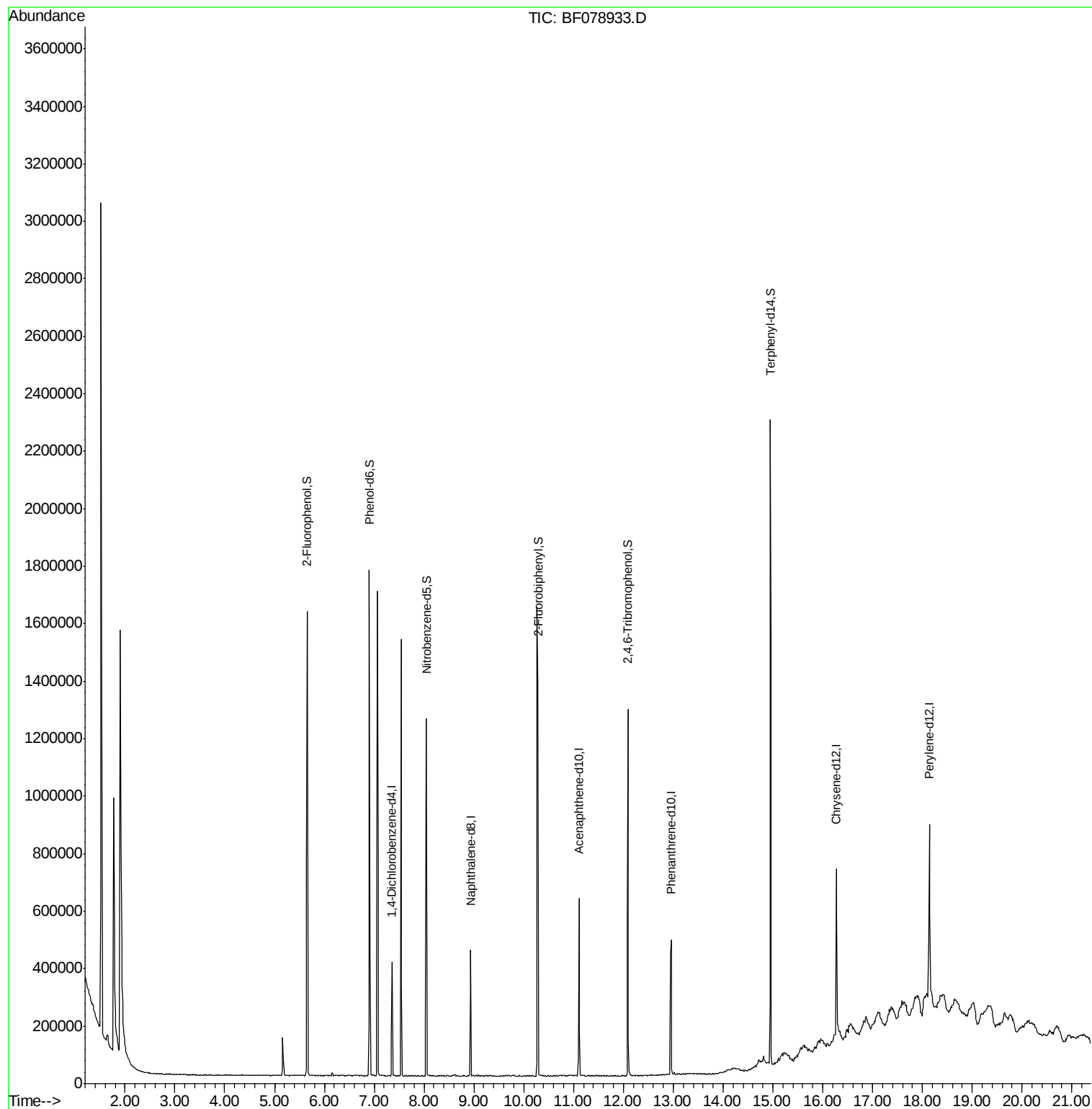
Target Compounds	Qvalue
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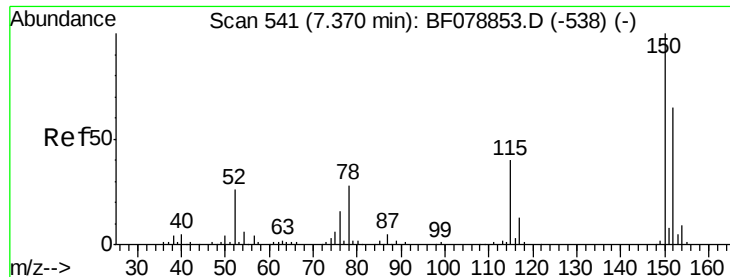
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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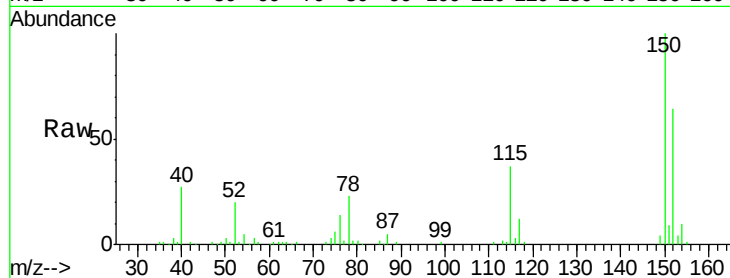


#1

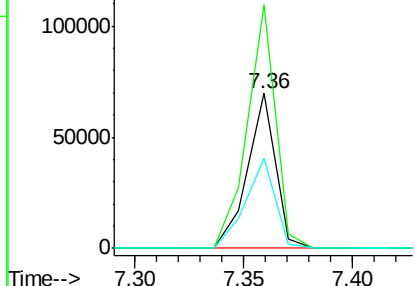
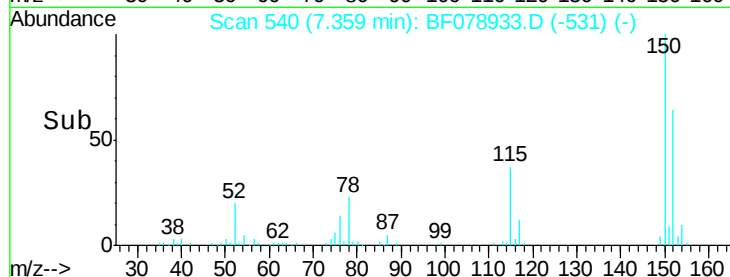
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078933.D
Acq: 5 May 2015 10:36

Instrument :
BNA_F
ClientSampleId :
PB83180BL

Tgt Ion:152 Resp: 62138
Ion Ratio Lower Upper
152 100
150 157.2 122.0 183.0
115 57.9 46.3 69.5



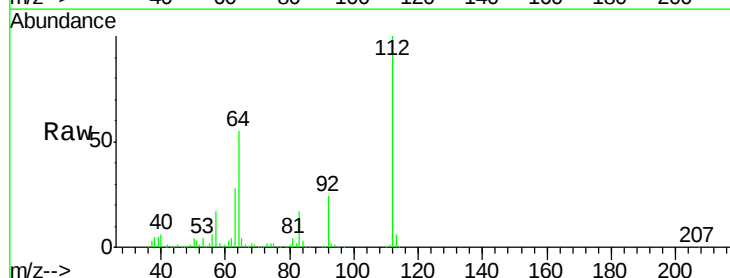
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



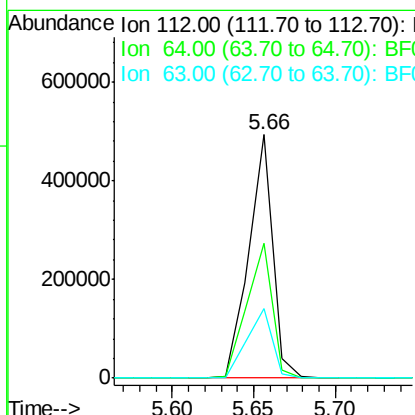
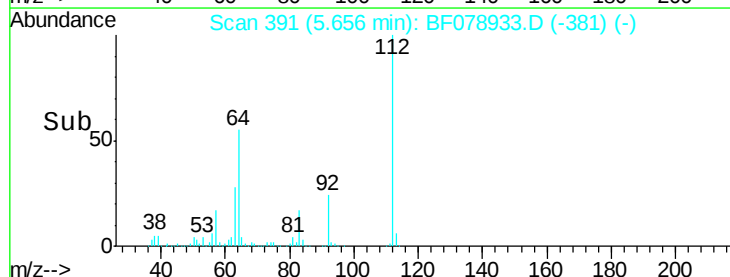
#5

2-Fluorophenol
Concen: 139.49 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078933.D
Acq: 5 May 2015 10:36

Tgt Ion:112 Resp: 503524
Ion Ratio Lower Upper
112 100
64 55.2 53.5 80.3
63 28.5 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: 126.76 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Instrument :

BNA_F

ClientSampleId :

PB83180BL

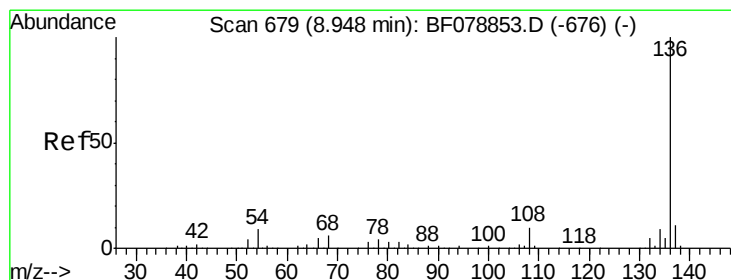
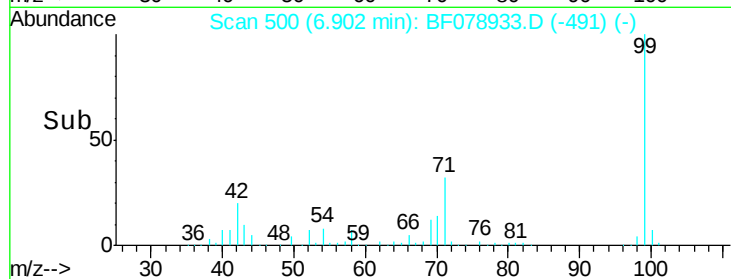
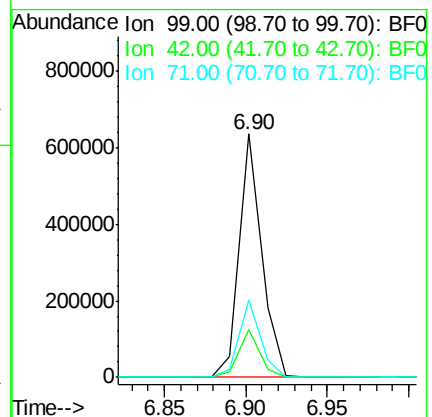
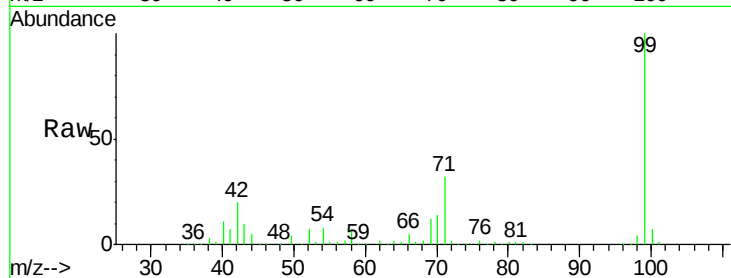
Tgt Ion: 99 Resp: 604850

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

71 31.8 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078933.D

Acq: 5 May 2015 10:36

Tgt Ion: 136 Resp: 255768

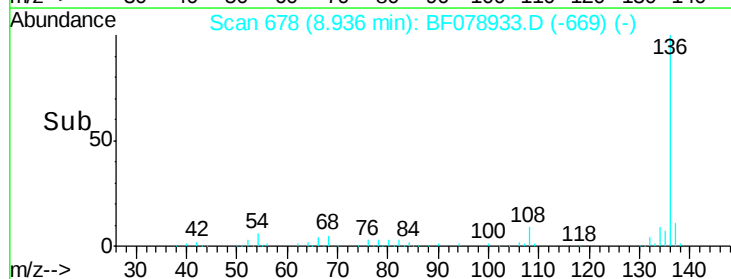
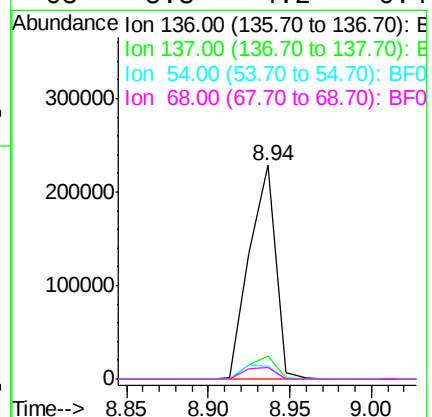
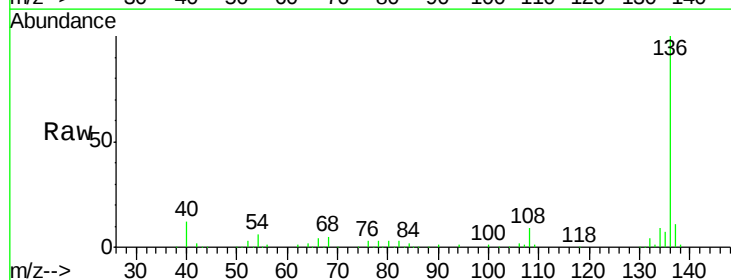
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.2 5.8 8.8

68 5.3 4.2 6.4

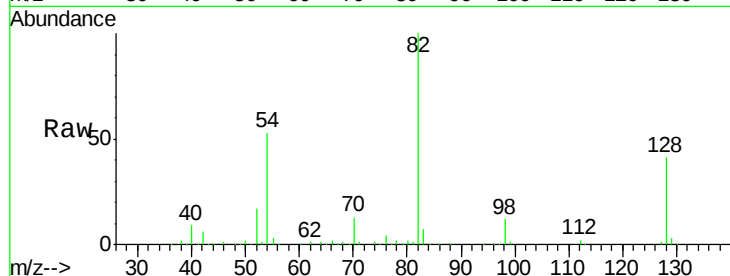




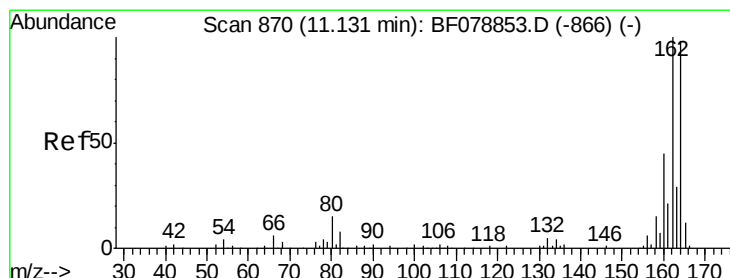
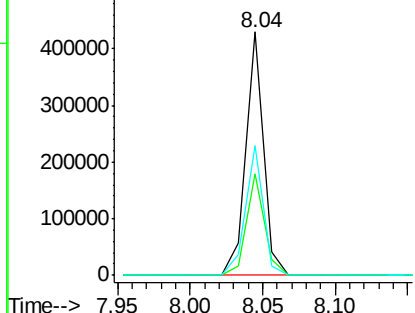
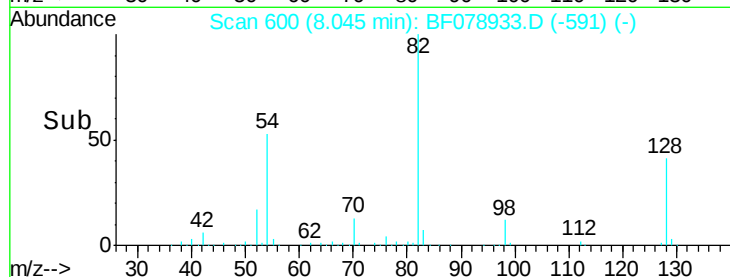
#23
 Nitrobenzene-d5
 Concen: 81.94 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Tgt Ion: 82 Resp: 364660
 Ion Ratio Lower Upper
 82 100
 128 41.4 30.0 45.0
 54 53.1 46.4 69.6

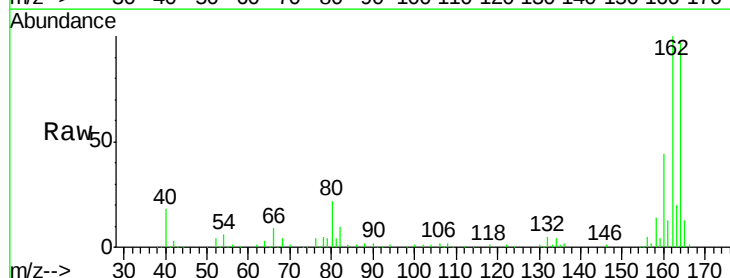


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

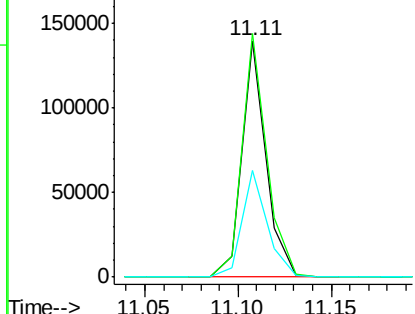
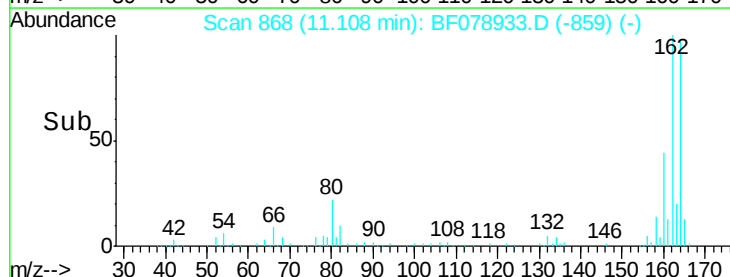


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion: 164 Resp: 124839
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.7 124.1
 160 45.0 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

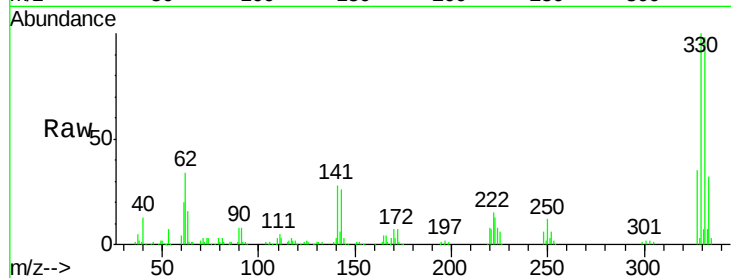




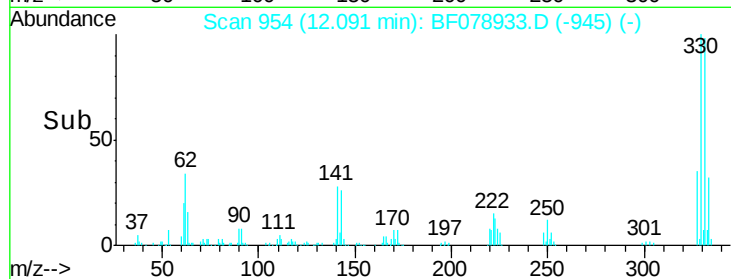
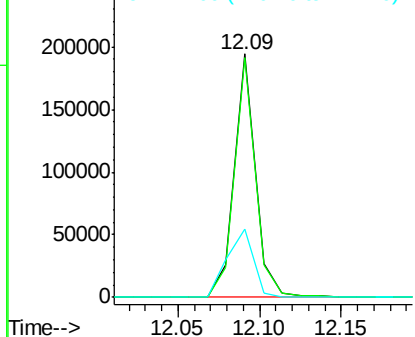
#41
 2,4,6-Tribromophenol
 Concen: 128.93 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Tgt Ion:330 Resp: 174120
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 35.4 0.0 0.0#

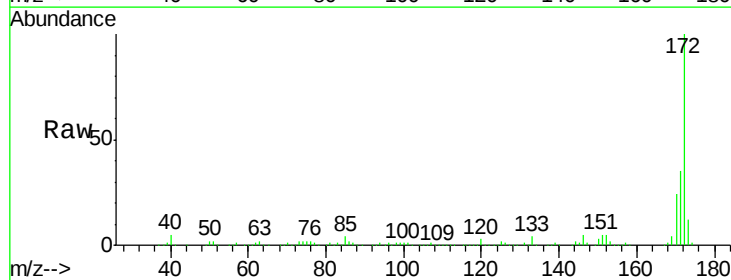


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

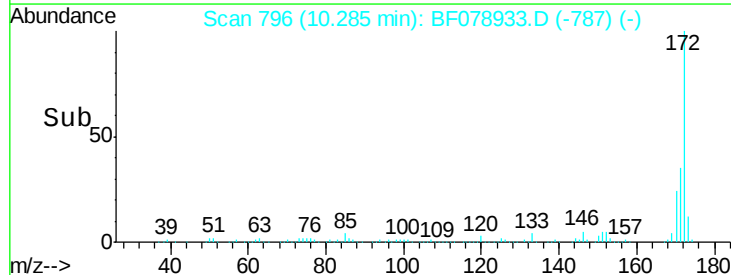
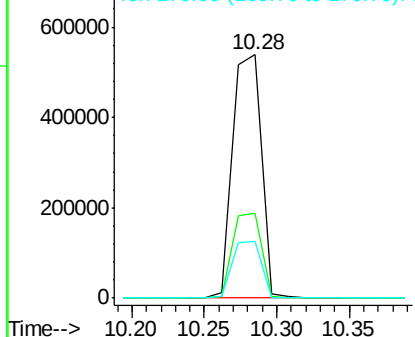


#44
 2-Fluorobiphenyl
 Concen: 82.96 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion:172 Resp: 743376
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.9 41.9
 170 23.5 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

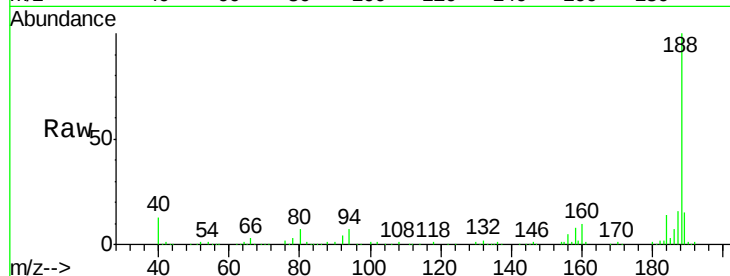




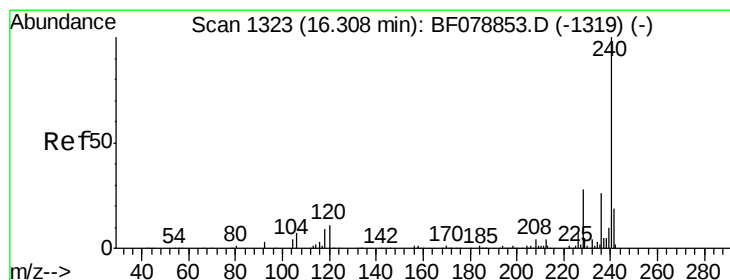
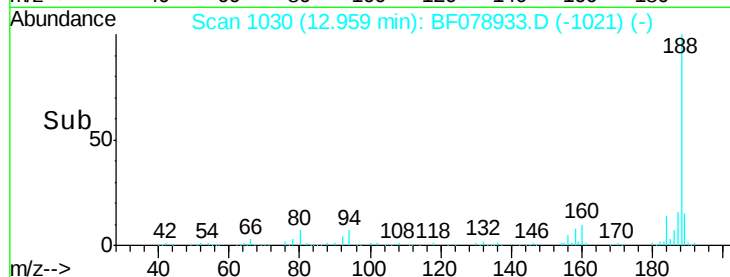
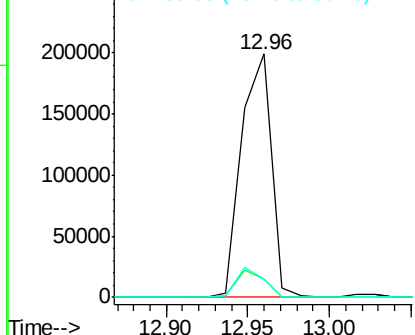
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078933.D
Acq: 5 May 2015 10:36

Instrument :
BNA_F
ClientSampled :
PB83180BL

Tgt Ion:188 Resp: 252228
Ion Ratio Lower Upper
188 100
94 7.3 8.2 12.2#
80 7.3 8.9 13.3#

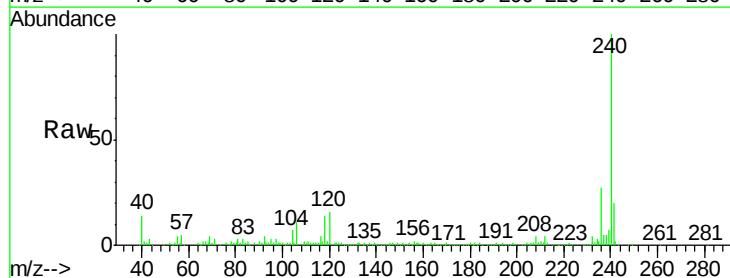


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

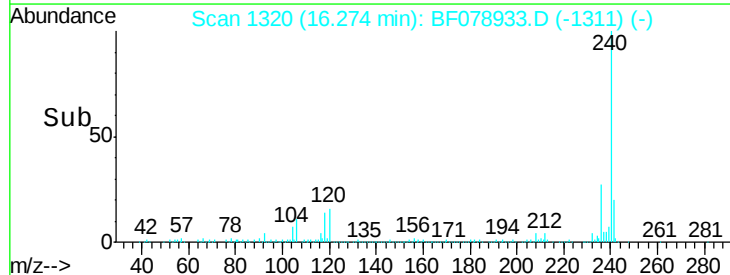
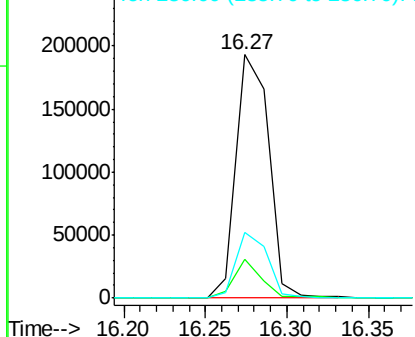


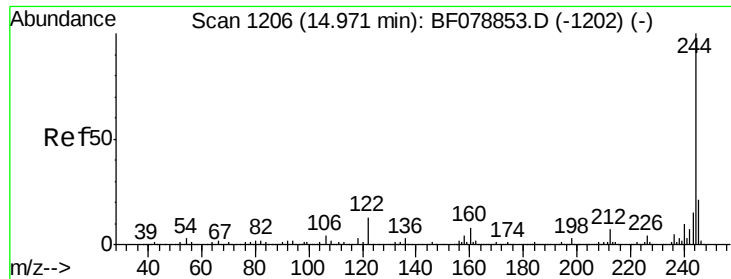
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF078933.D
Acq: 5 May 2015 10:36

Tgt Ion:240 Resp: 268619
Ion Ratio Lower Upper
240 100
120 15.9 9.7 14.5#
236 26.7 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

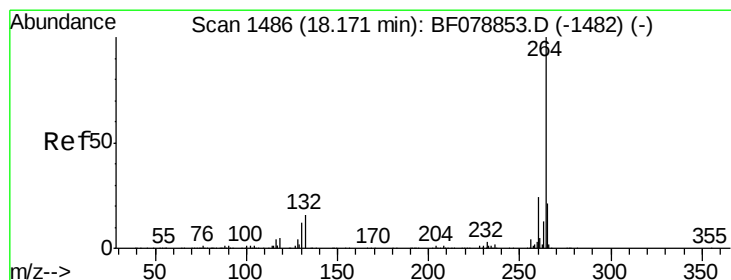
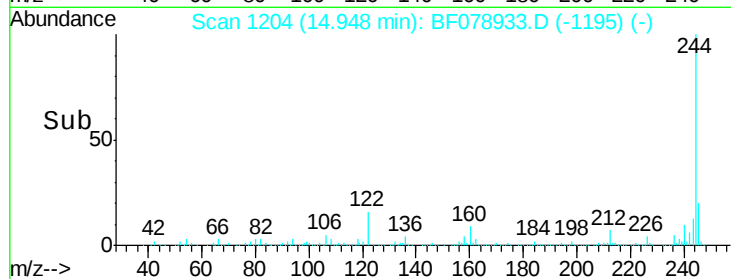
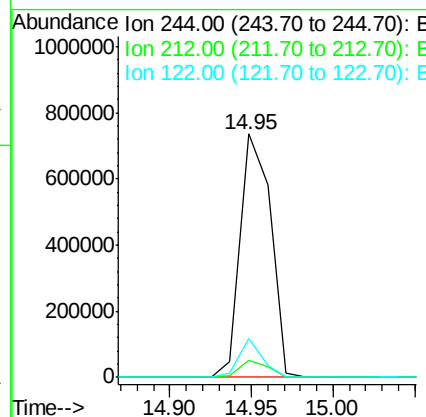
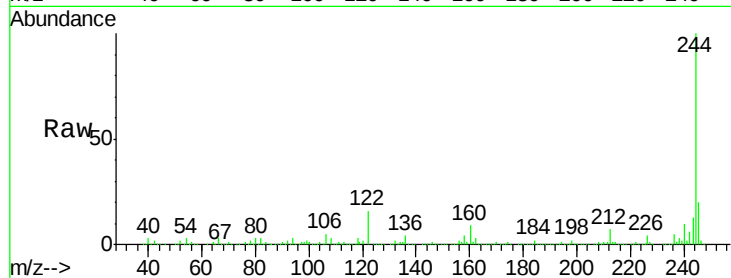




#78
 Terphenyl-d14
 Concen: 84.55 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83180BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	16.1	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.14 min Scan# 1483
 Delta R.T. 0.05 min
 Lab File: BF078933.D
 Acq: 5 May 2015 10:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	20.7	18.3	27.5

