

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079041.D
 Acq On : 8 May 2015 16:50
 Operator : TP/IZ
 Sample : PB83154TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83154TB

Quant Time: May 08 23:02:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	98248	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	392999	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	196058	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	385303	20.00	ng	0.00
75) Chrysene-d12	16.22	240	371207	20.00	ng	-0.03
86) Perylene-d12	17.99	264	377167	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	557918	97.75	ng	0.00
7) Phenol-d6	6.88	99	684990	90.79	ng	-0.01
23) Nitrobenzene-d5	8.01	82	394437	57.68	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	194605	91.75	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	791733	56.26	ng	-0.01
78) Terphenyl-d14	14.91	244	936041	60.37	ng	-0.01

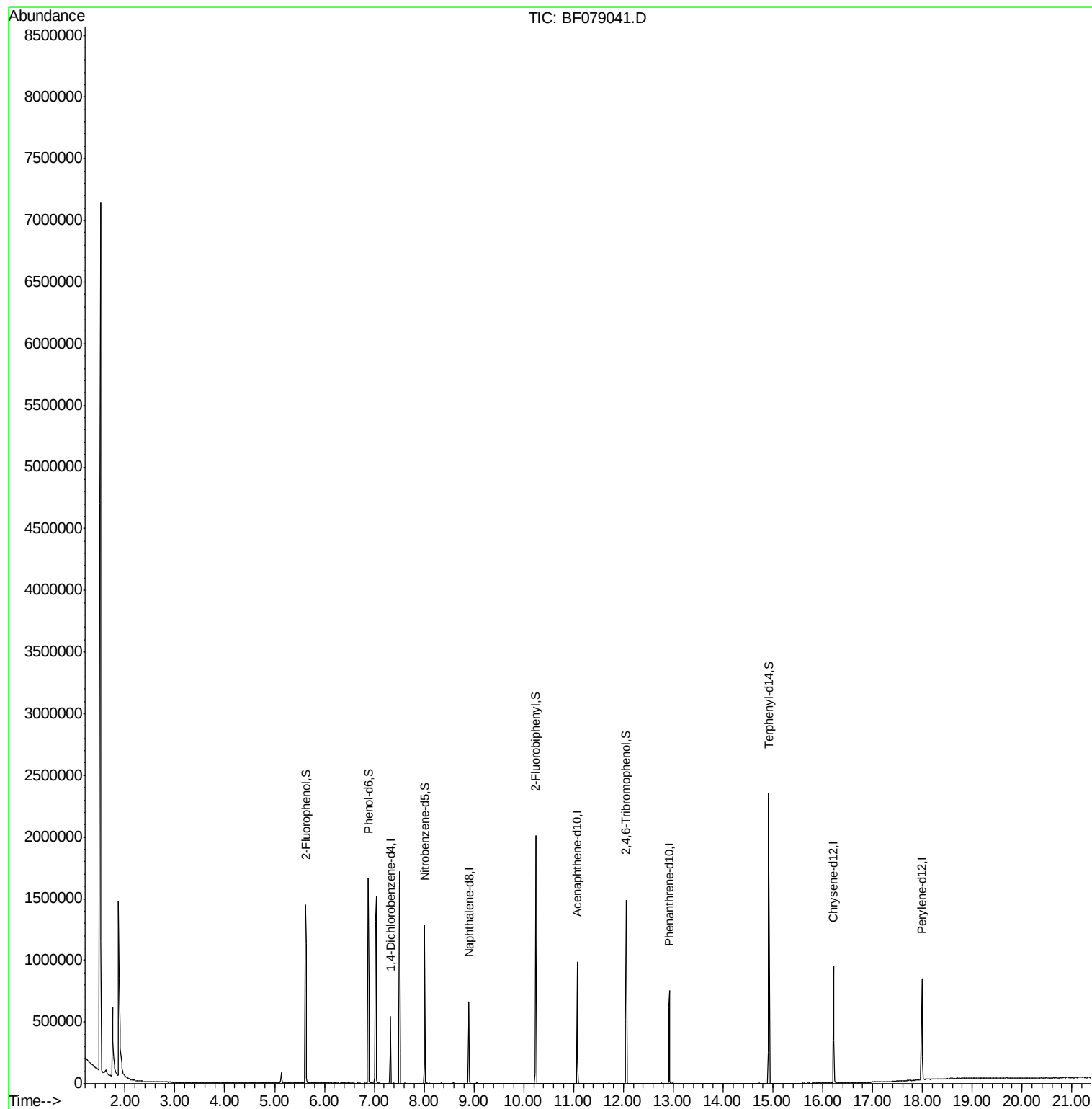
Target Compounds	Qvalue
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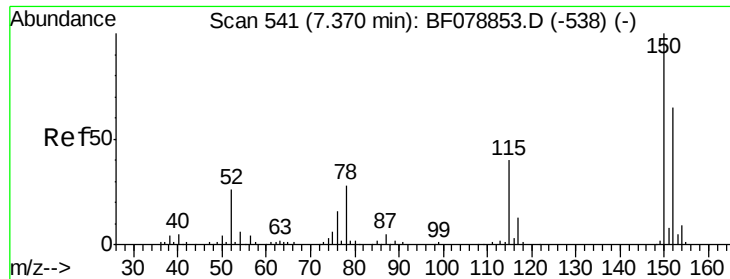
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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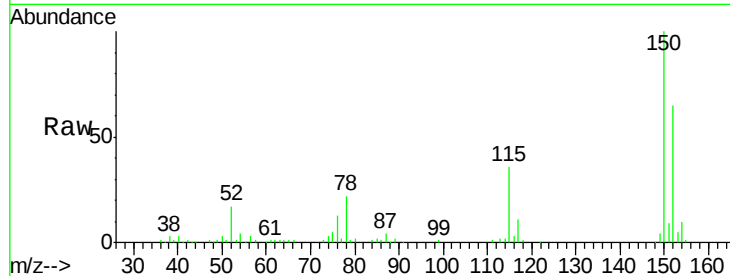




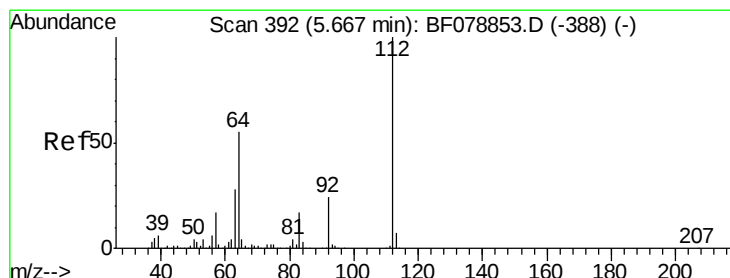
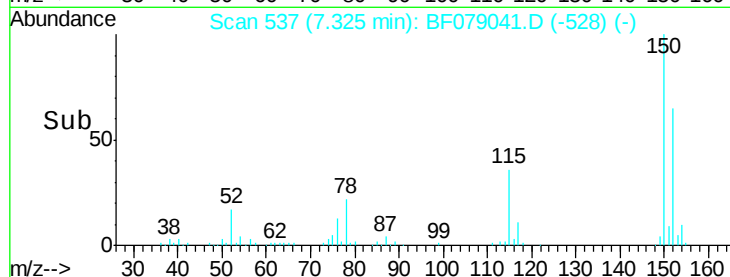
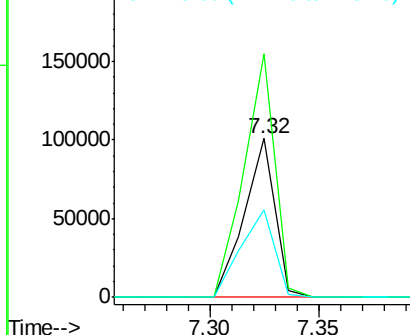
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83154TB

Tgt Ion:152 Resp: 98248
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.0 183.0
 115 54.9 46.3 69.5

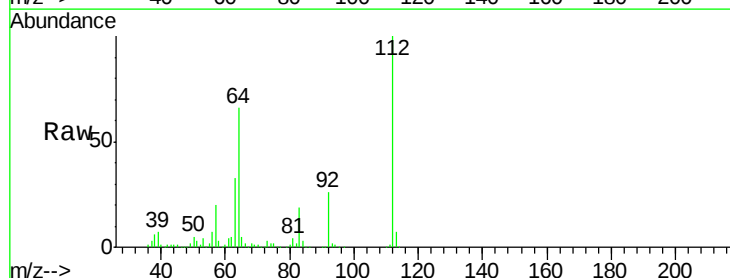


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

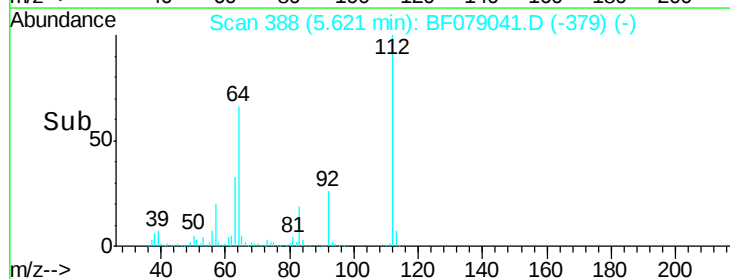
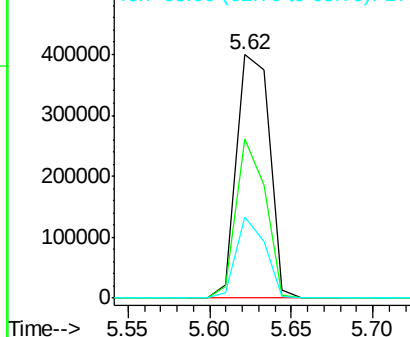


#5
 2-Fluorophenol
 Concen: 97.75 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Tgt Ion:112 Resp: 557918
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.5 80.3
 63 33.1 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: 90.79 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079041.D

Acq: 8 May 2015 16:50

Instrument :

BNA_F

ClientSampleId :

PB83154TB

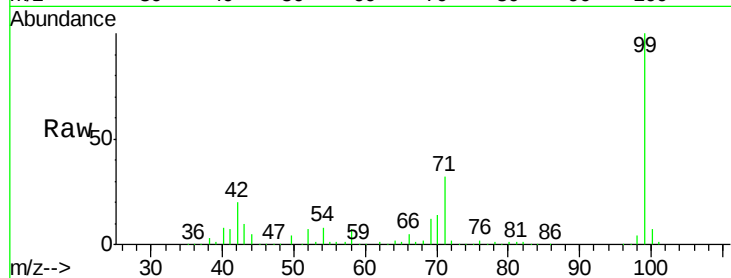
Tgt Ion: 99 Resp: 684990

Ion Ratio Lower Upper

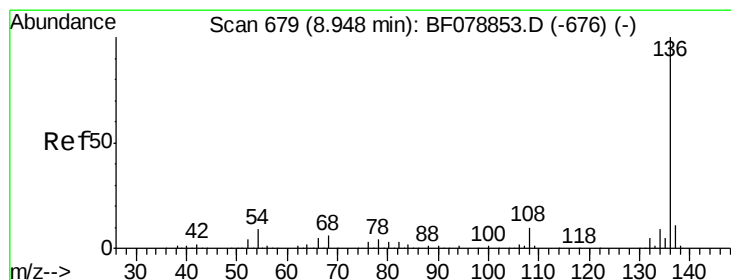
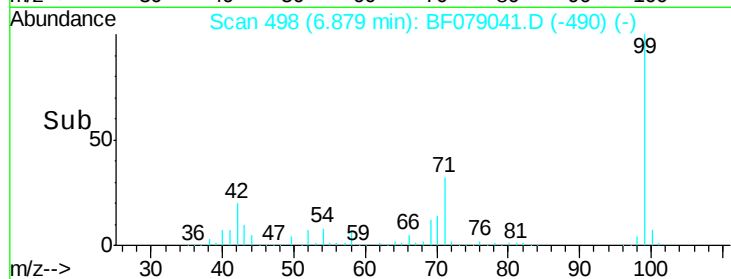
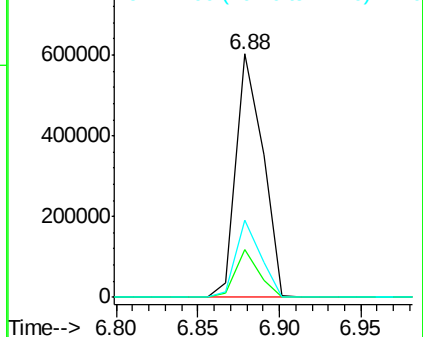
99 100

42 19.7 12.8 19.2#

71 31.8 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: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079041.D

Acq: 8 May 2015 16:50

Tgt Ion: 136 Resp: 392999

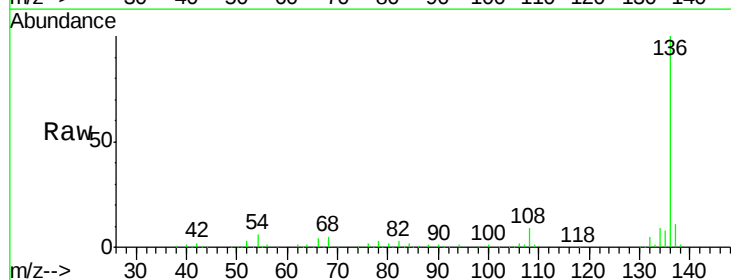
Ion Ratio Lower Upper

136 100

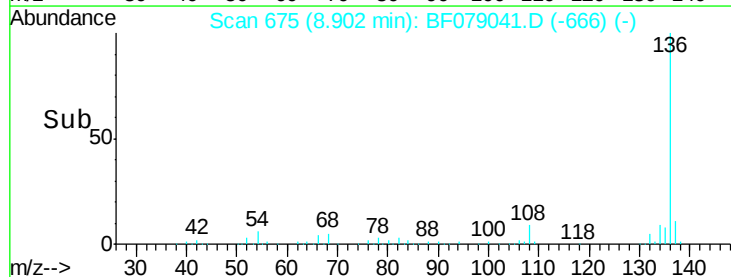
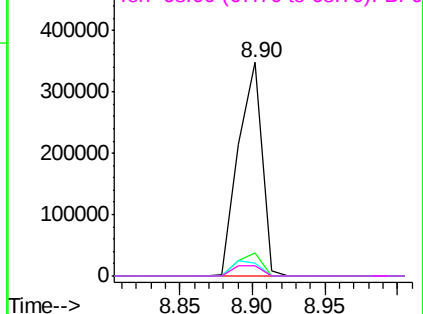
137 10.8 8.7 13.1

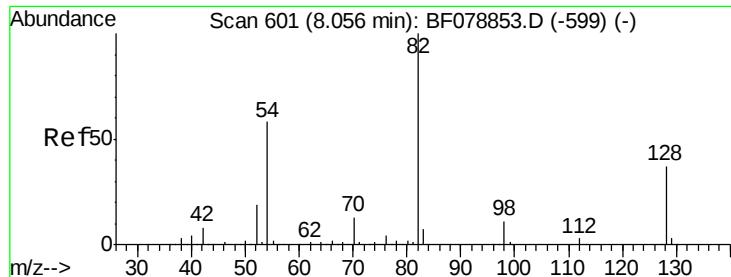
54 6.1 5.8 8.8

68 4.8 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

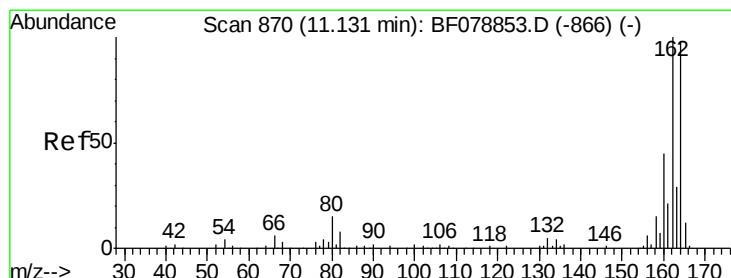
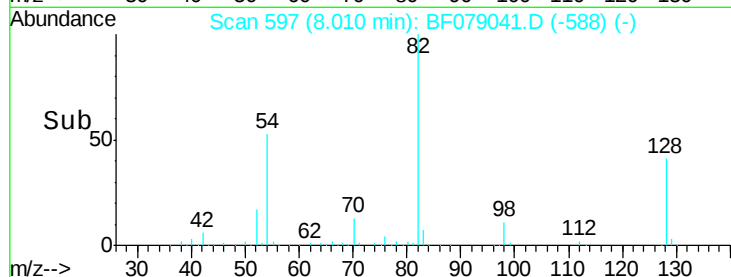
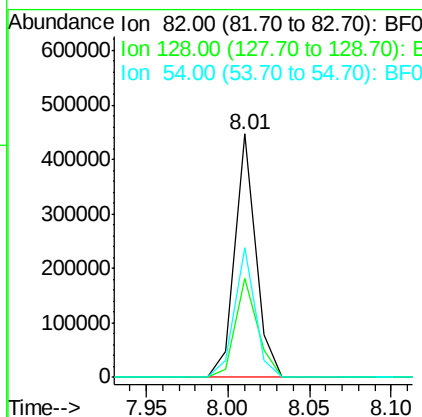
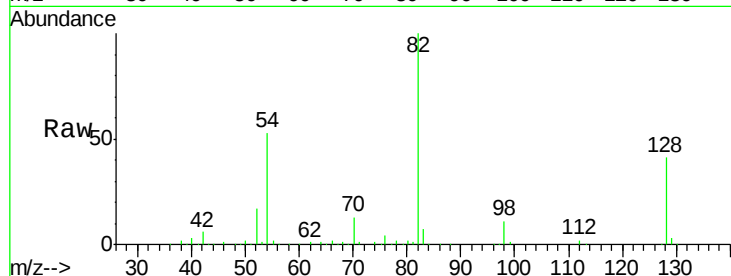




#23
 Nitrobenzene-d5
 Concen: 57.68 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

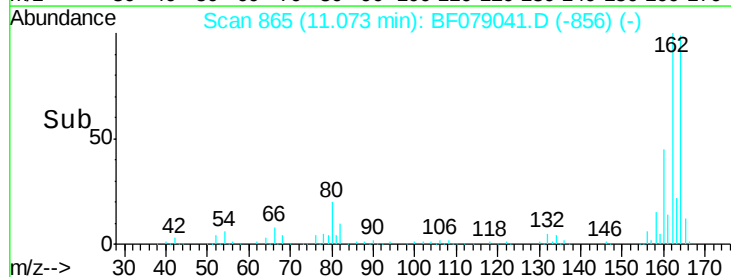
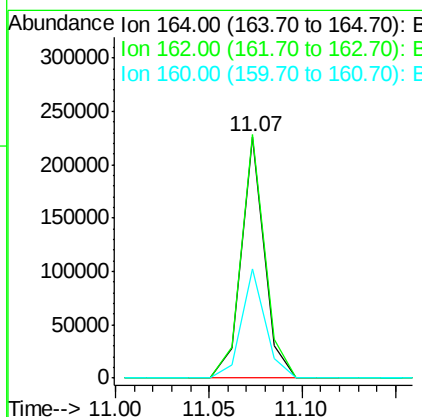
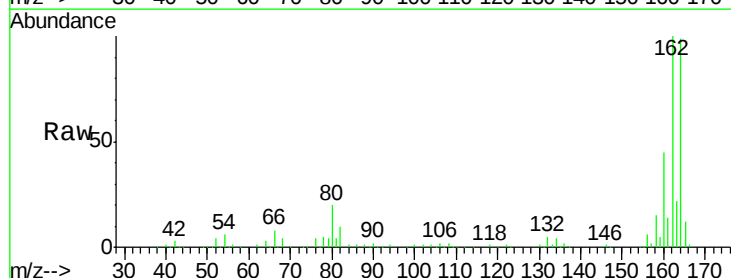
Instrument :
 BNA_F
 ClientSampleId :
 PB83154TB

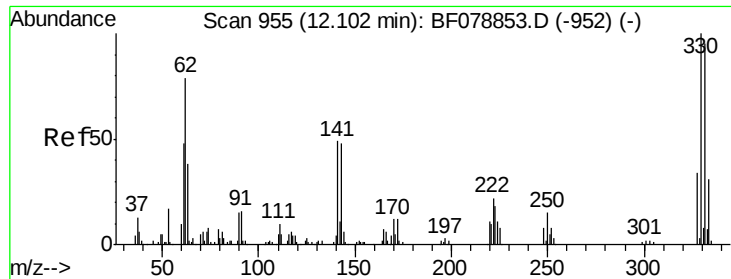
Tgt Ion: 82 Resp: 394437
 Ion Ratio Lower Upper
 82 100
 128 40.8 30.0 45.0
 54 53.4 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Tgt Ion: 164 Resp: 196058
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.7 124.1
 160 45.4 35.8 53.8

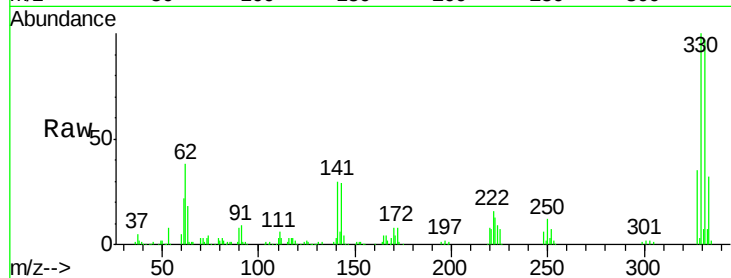




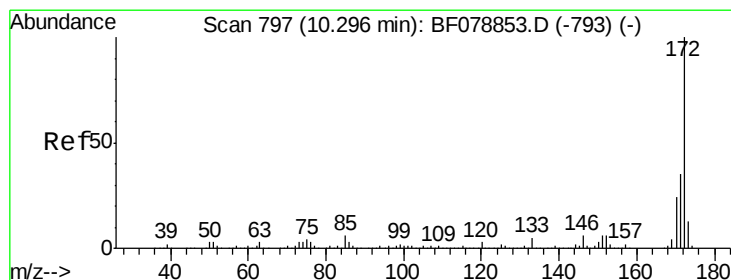
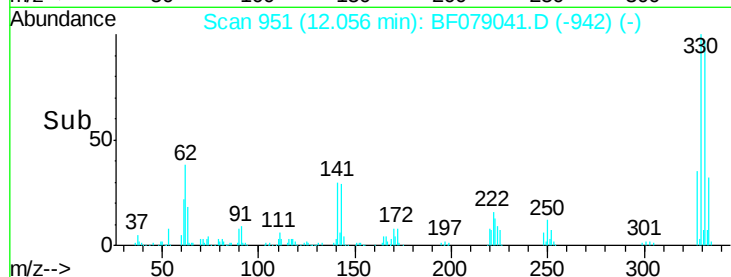
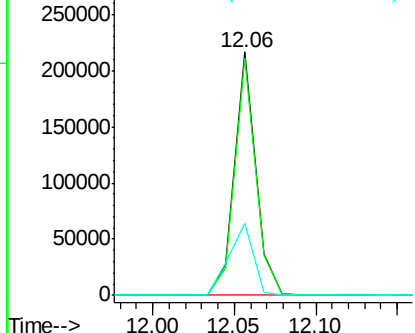
#41
 2,4,6-Tribromophenol
 Concen: 91.75 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB83154TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	34.1	0.0	0.0#

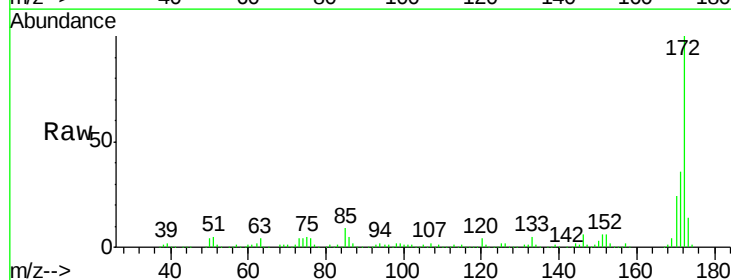


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

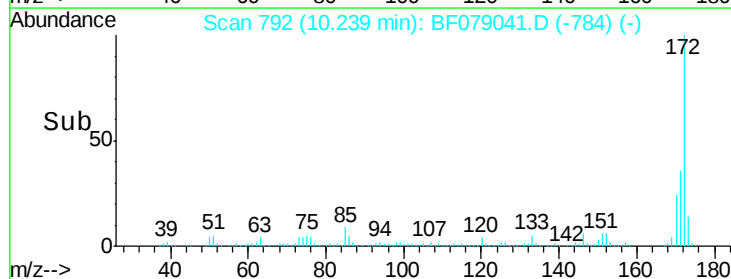
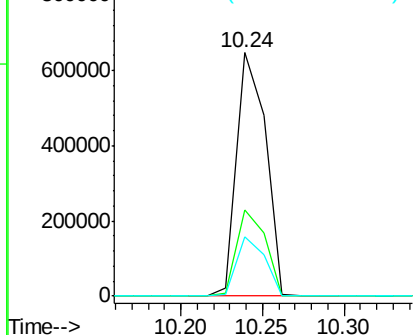


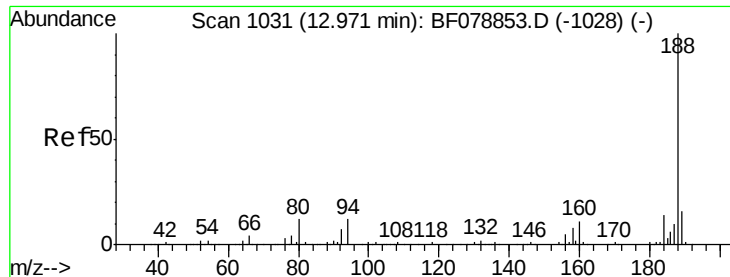
#44
 2-Fluorobiphenyl
 Concen: 56.26 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.2	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

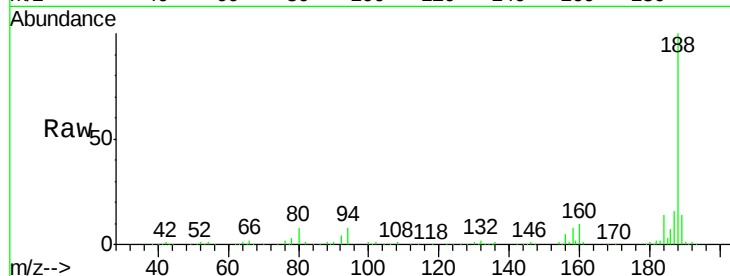




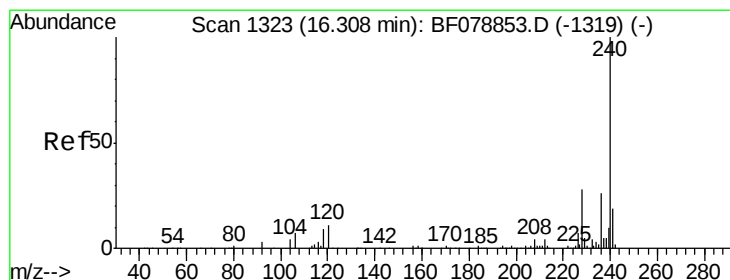
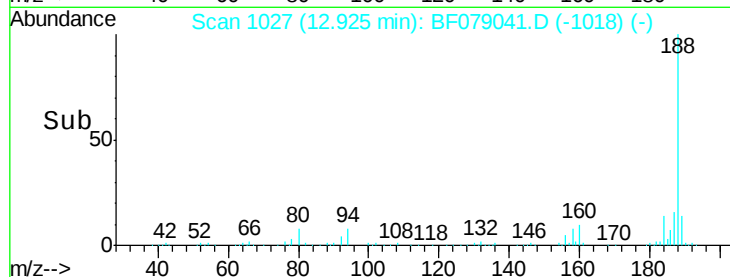
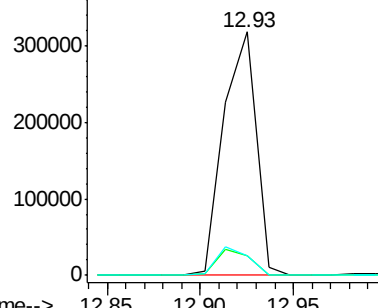
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079041.D
Acq: 8 May 2015 16:50

Instrument :
BNA_F
ClientSampleId :
PB83154TB

Tgt Ion:188 Resp: 385303
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.2#
80 8.1 8.9 13.3#

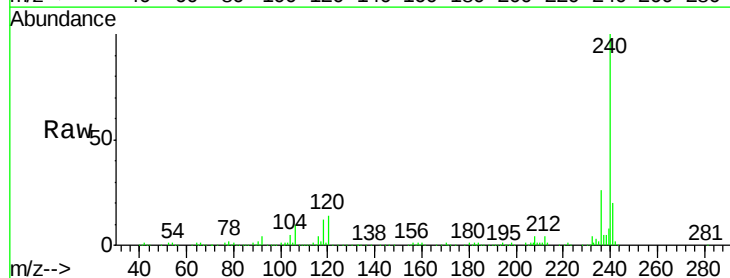


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

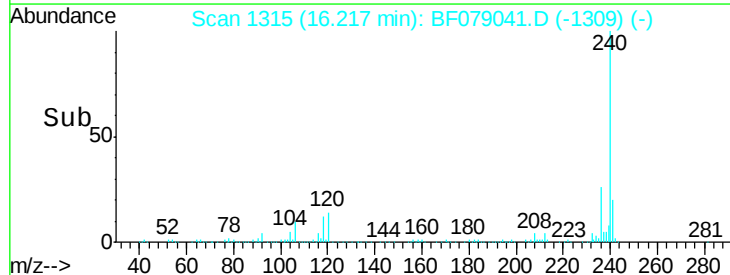
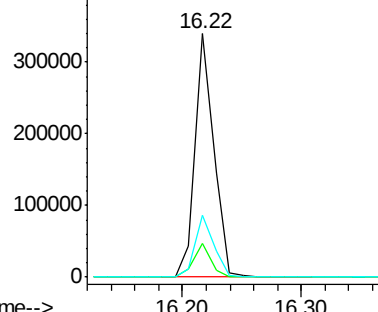


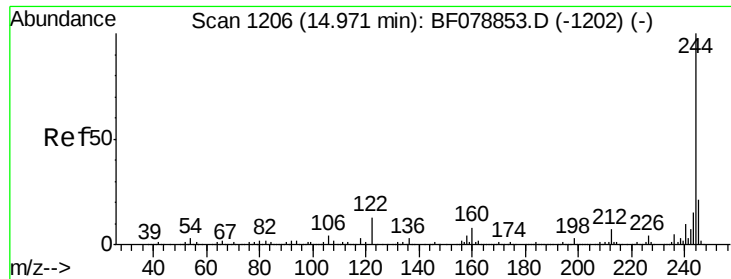
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF079041.D
Acq: 8 May 2015 16:50

Tgt Ion:240 Resp: 371207
Ion Ratio Lower Upper
240 100
120 14.1 9.7 14.5
236 25.6 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

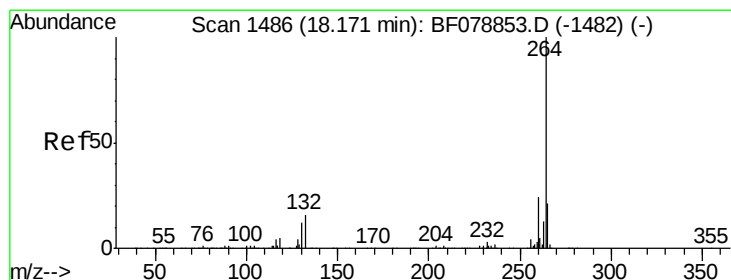
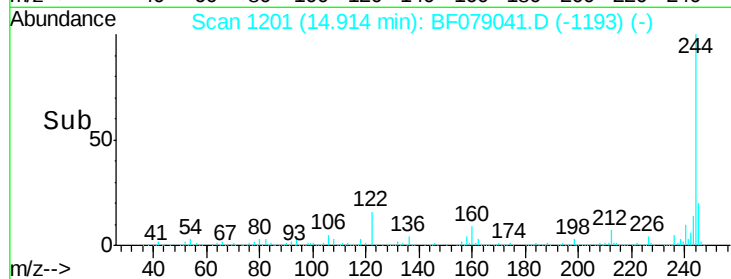
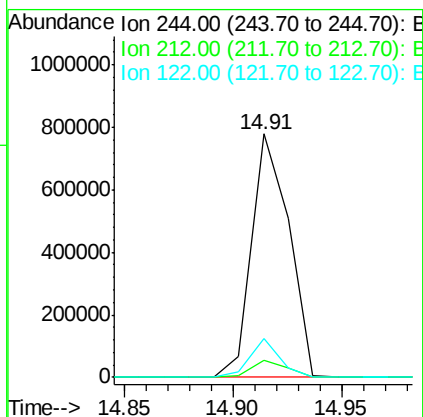
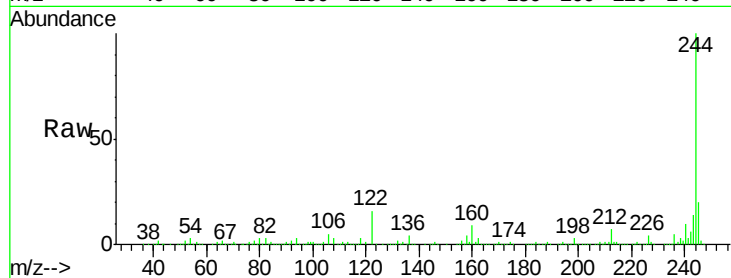




#78
 Terphenyl-d14
 Concen: 60.37 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 936041
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 16.1 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. -0.09 min
 Lab File: BF079041.D
 Acq: 8 May 2015 16:50

Tgt Ion:264 Resp: 377167
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 18.3 27.5

