

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079259.D
 Acq On : 15 May 2015 6:50
 Operator : TP/IZ
 Sample : G2245-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

Quant Time: May 15 07:46:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 07:00:11 2015
 Response via : Initial Calibration

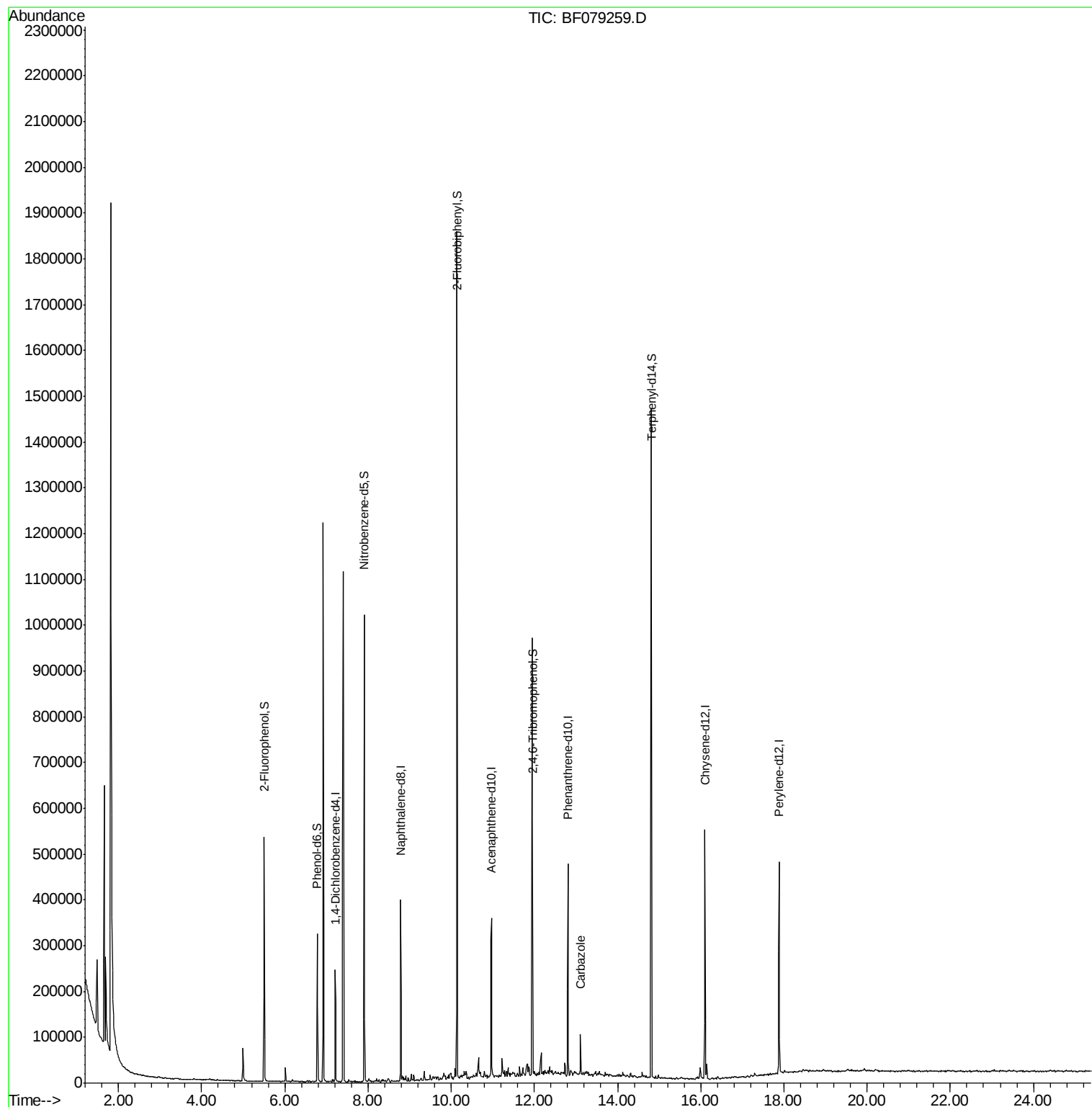
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	49382	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	201610	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	95993	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	184561	20.00	ng	0.00
75) Chrysene-d12	16.10	240	203674	20.00	ng	0.00
86) Perylene-d12	17.89	264	218893	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	168378m	58.69	ng	0.00
7) Phenol-d6	6.78	99	128469	33.88	ng	-0.01
23) Nitrobenzene-d5	7.91	82	300406	85.64	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	147680	142.21	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	601255	87.26	ng	0.00
78) Terphenyl-d14	14.81	244	696543	81.88	ng	0.00
Target Compounds						
72) Carbazole	13.11	167	34604	3.58	ng	Qvalue 98

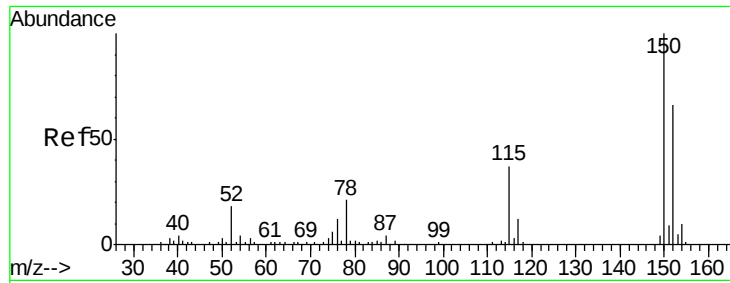
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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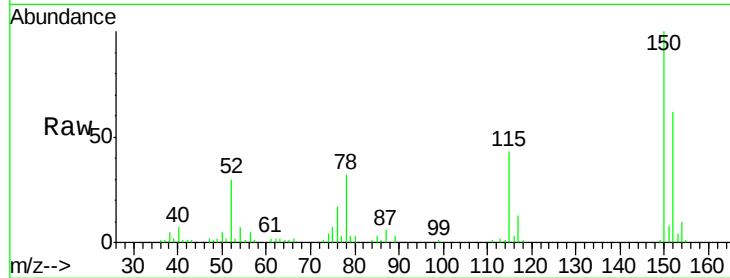




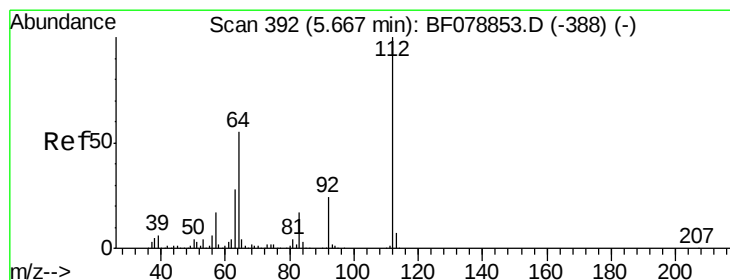
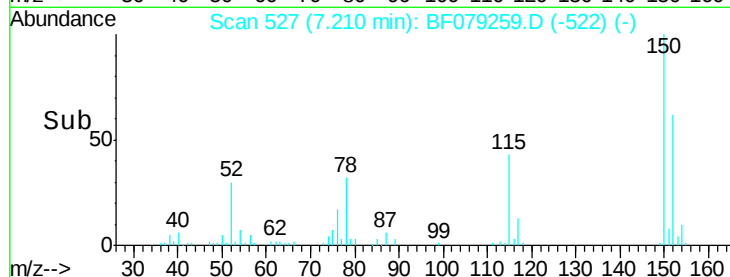
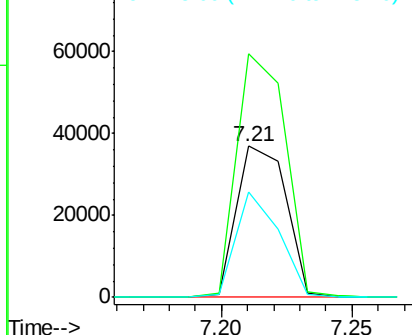
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.21 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

Tot Ion:	152	Resp:	49382
Ion	Ratio	Lower	Upper
152	100		
150	161.3	123.8	185.8
115	69.9	49.4	74.0

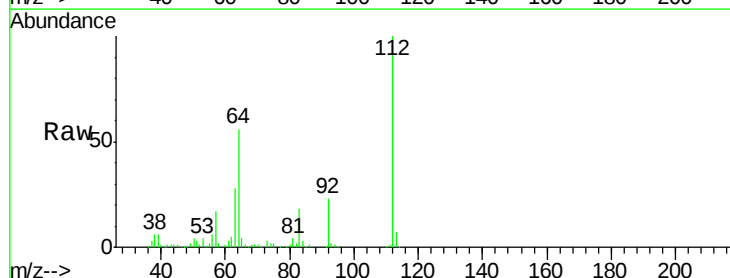


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

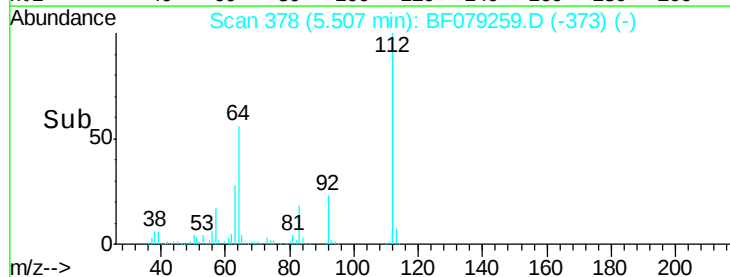
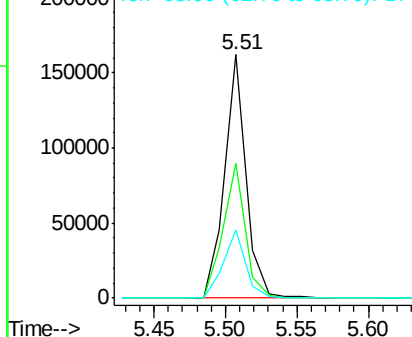


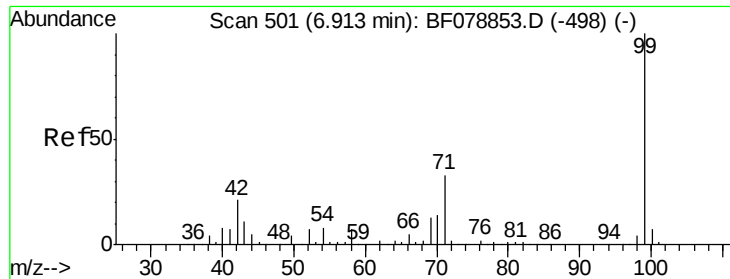
#5
 2-Fluorophenol
 Concen: 58.69 ng m
 RT: 5.51 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Tgt Ion:	112	Resp:	168378
Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.2	66.2
63	28.3	22.7	34.1



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: 33.88 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079259.D

Acq: 15 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

TBTA-MW-3-GW

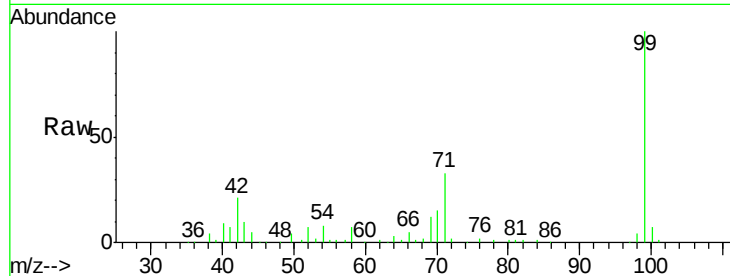
Tot Ion: 99 Resp: 128469

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

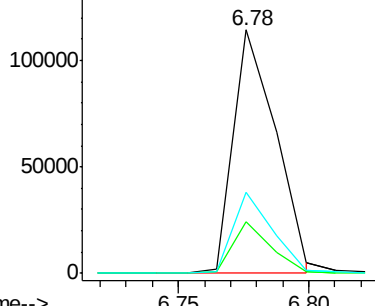
71 33.5 26.3 39.5



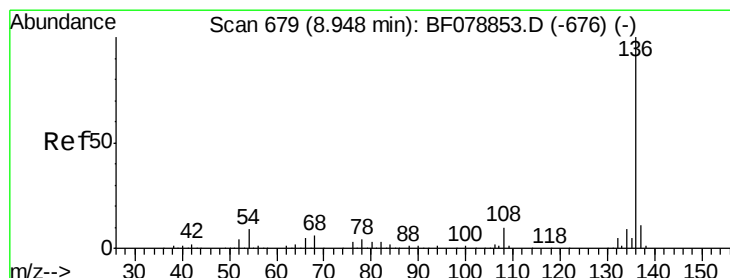
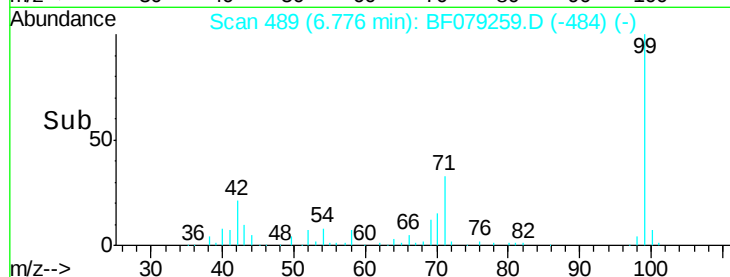
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079259.D

Acq: 15 May 2015 6:50

Tgt Ion: 136 Resp: 201610

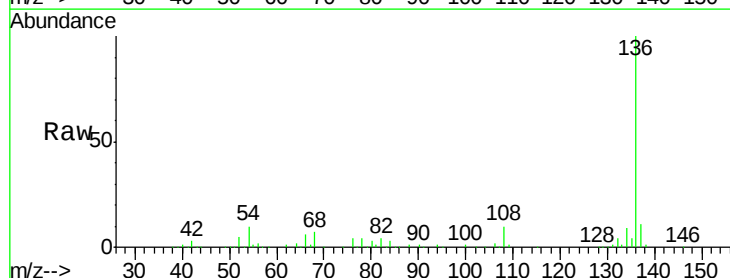
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 6.9 10.3

68 7.0 4.9 7.3

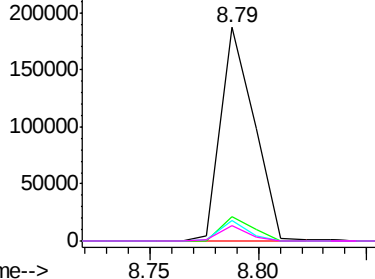


Abundance Ion 136.00 (135.70 to 136.70): E

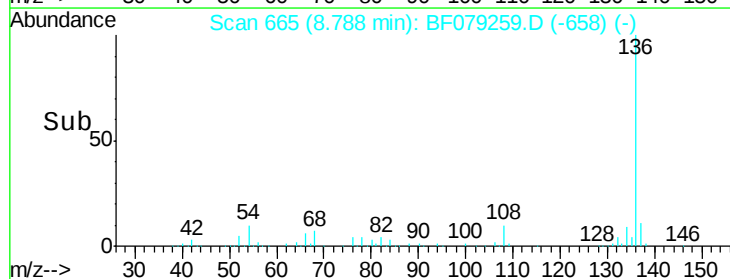
Ion 137.00 (136.70 to 137.70): E

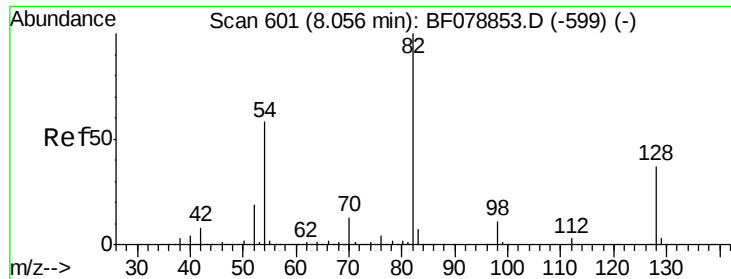
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

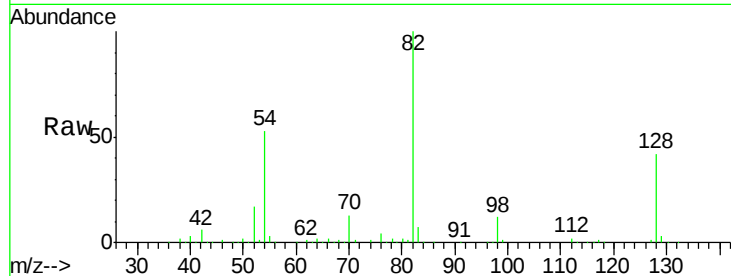




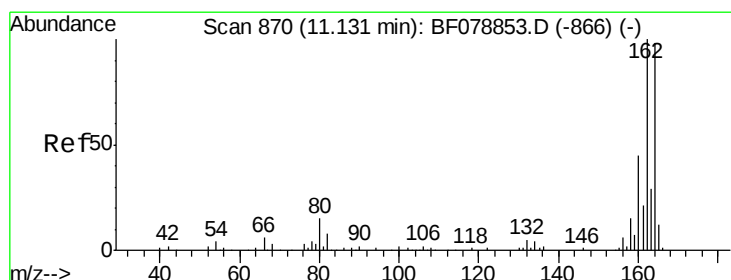
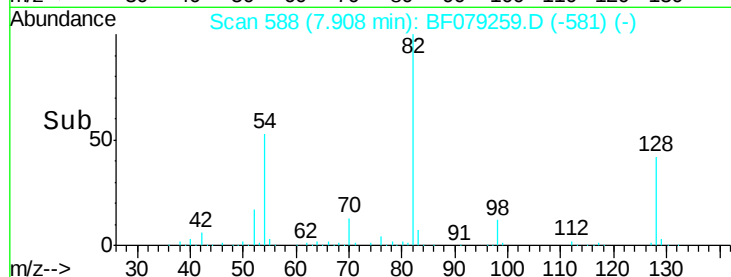
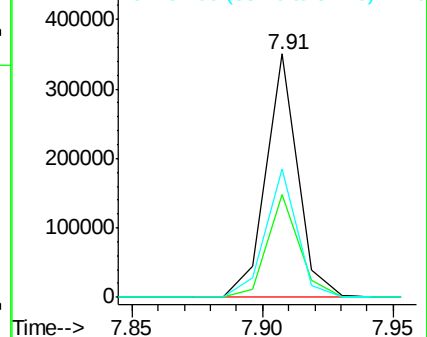
#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 7.91 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

Tot Ion: 82 Resp: 300406
 Ion Ratio Lower Upper
 82 100
 128 42.1 29.7 44.5
 54 52.6 46.2 69.4

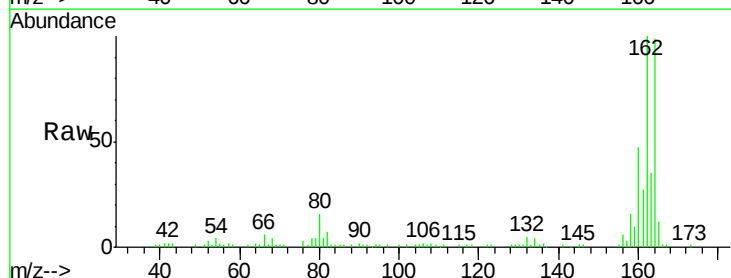


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

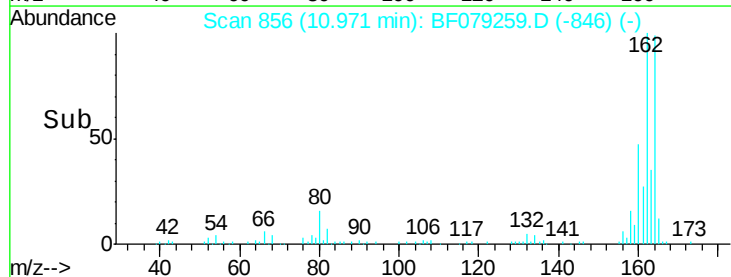
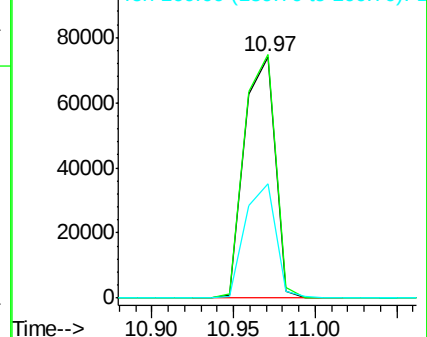


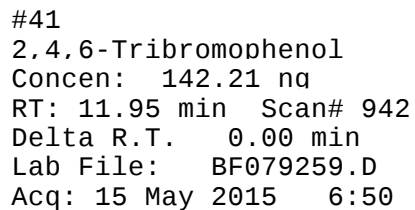
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Tgt Ion: 164 Resp: 95993
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.0
 160 47.2 36.6 54.8



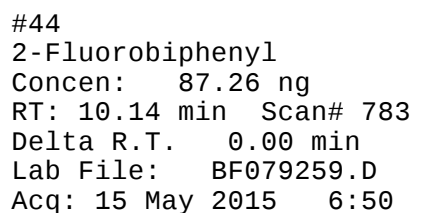
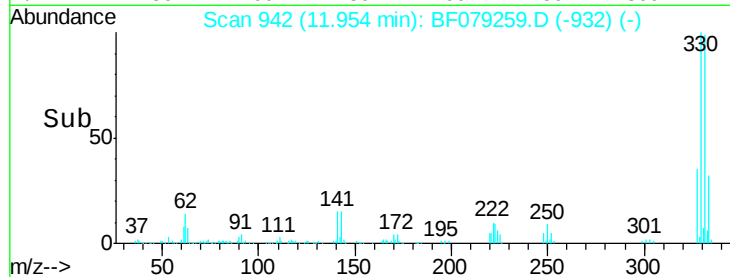
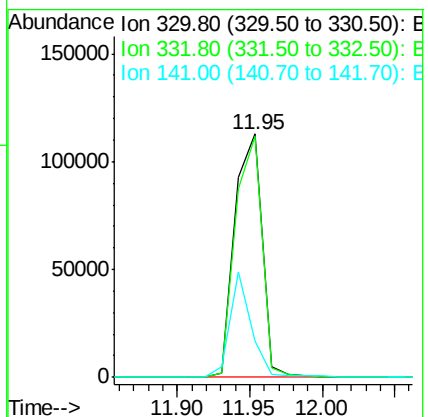
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



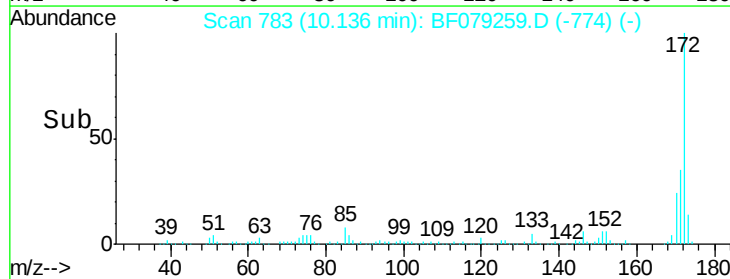
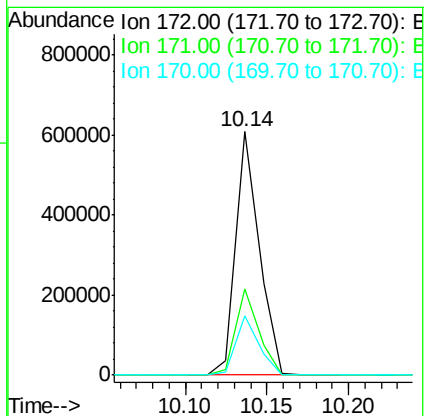


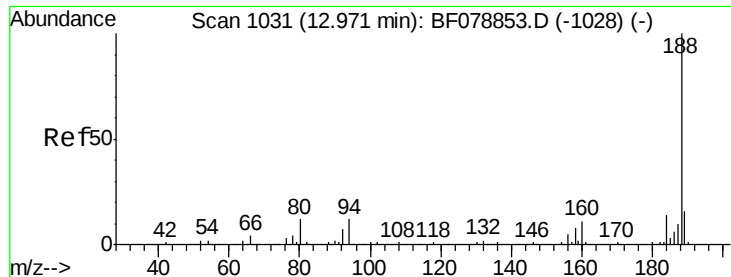
Instrument :
BNA_F
ClientSampleId :
TBTA-MW-3-GW

Tot	Ion:330	Resp:	147680
Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	34.4	27.8	41.8



Tgt	Ion:172	Resp:	601255
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	24.4	19.4	29.2

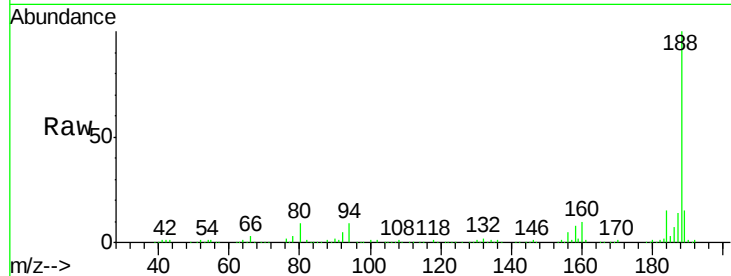




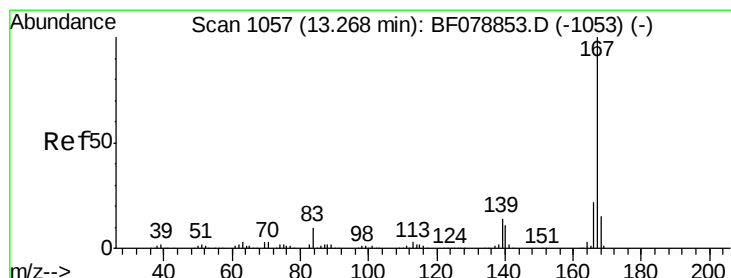
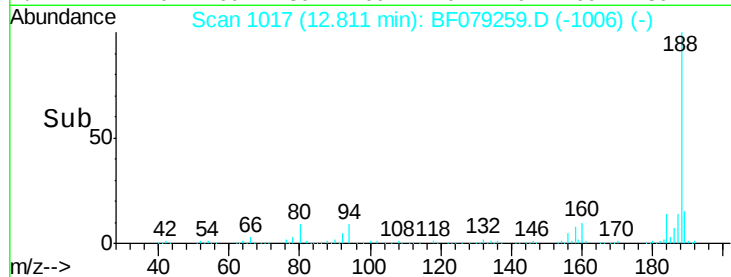
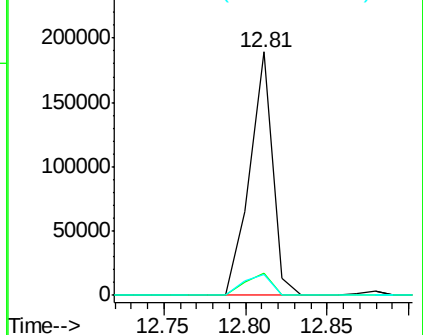
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF079259.D
Acq: 15 May 2015 6:50

Instrument :
BNA_F
ClientSampleId :
TBTA-MW-3-GW

Tot Ion:188 Resp: 184561
Ion Ratio Lower Upper
188 100
94 9.0 9.4 14.0#
80 8.6 9.8 14.6#

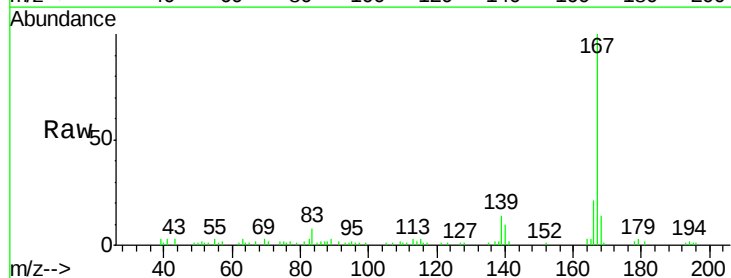


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

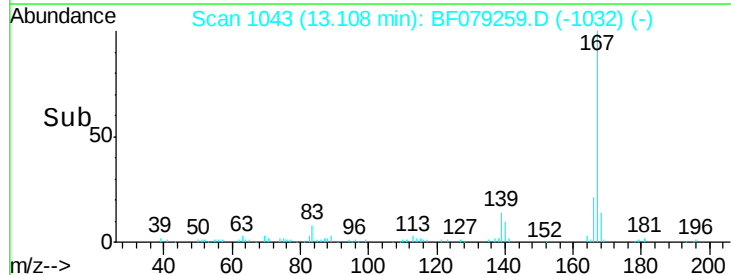
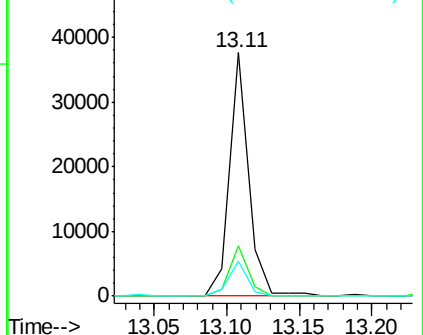


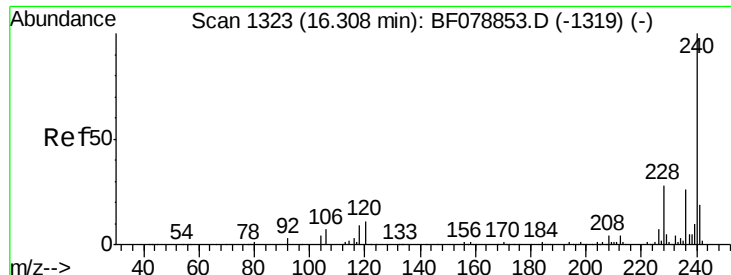
#72
Carbazole
Concen: 3.58 ng
RT: 13.11 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF079259.D
Acq: 15 May 2015 6:50

Tgt Ion:167 Resp: 34604
Ion Ratio Lower Upper
167 100
166 20.9 17.5 26.3
139 14.5 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

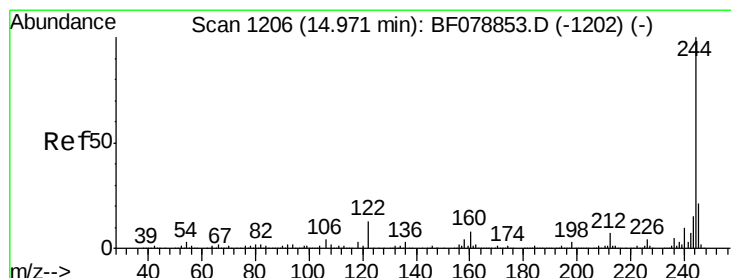
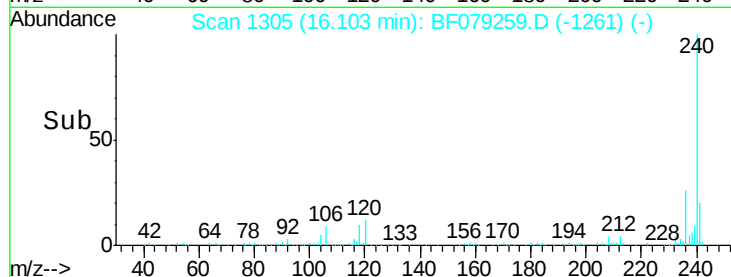
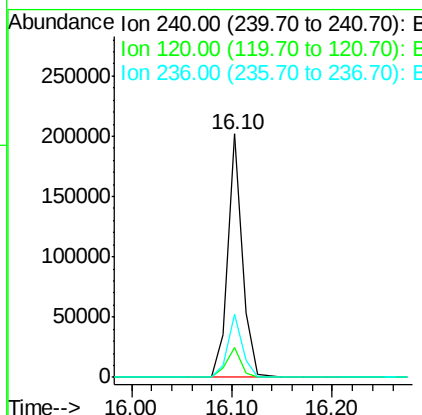
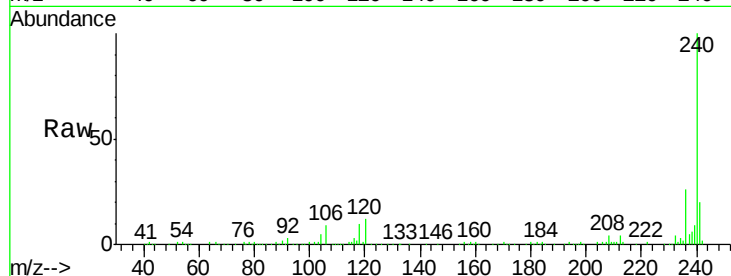




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

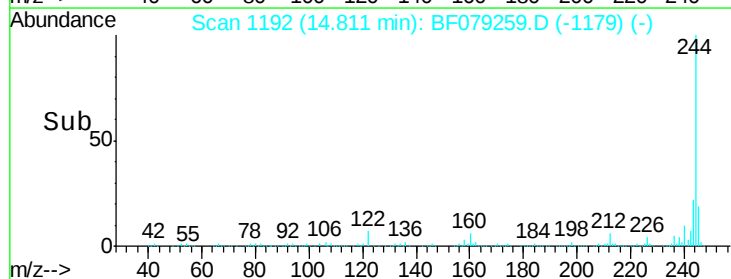
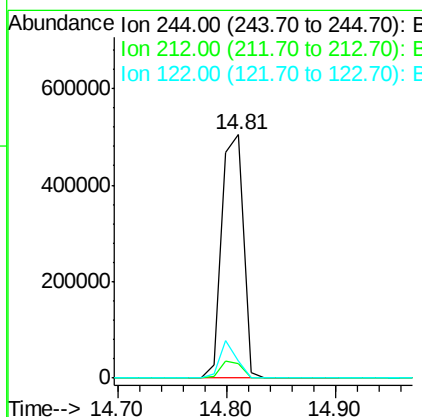
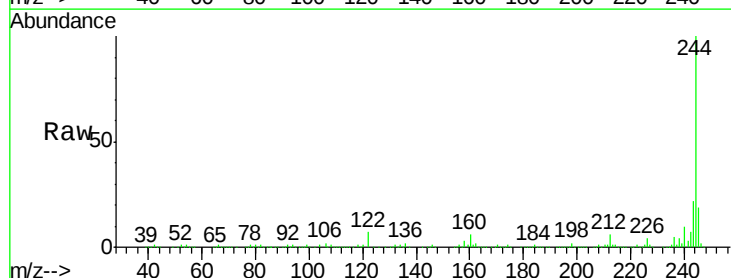
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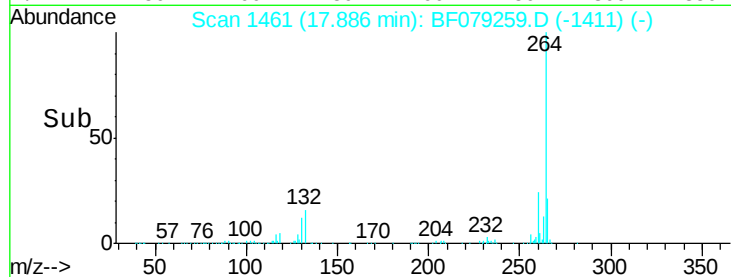
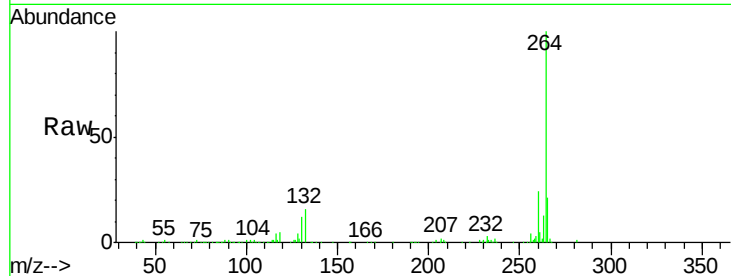
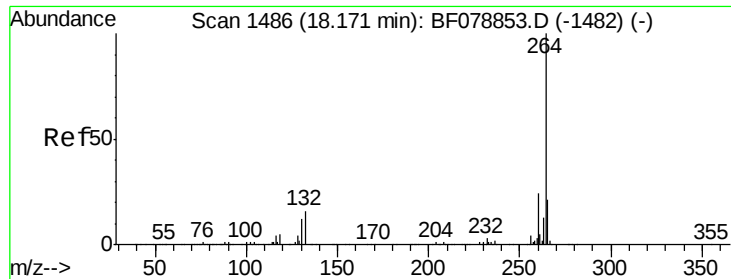
Tot Ion:240 Resp: 203674
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.6 12.8
 236 25.9 21.0 31.6



#78
 Terphenyl-d14
 Concen: 81.88 ng
 RT: 14.81 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Tgt Ion:244 Resp: 696543
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 6.9 10.5 15.7#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1461
 Delta R.T. 0.07 min
 Lab File: BF079259.D
 Acq: 15 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 TBTA-MW-3-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.2	25.8

