

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079115.D
 Acq On : 11 May 2015 14:53
 Operator : TP/IZ
 Sample : G2038-04DL2 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL2

Quant Time: May 12 02:20:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

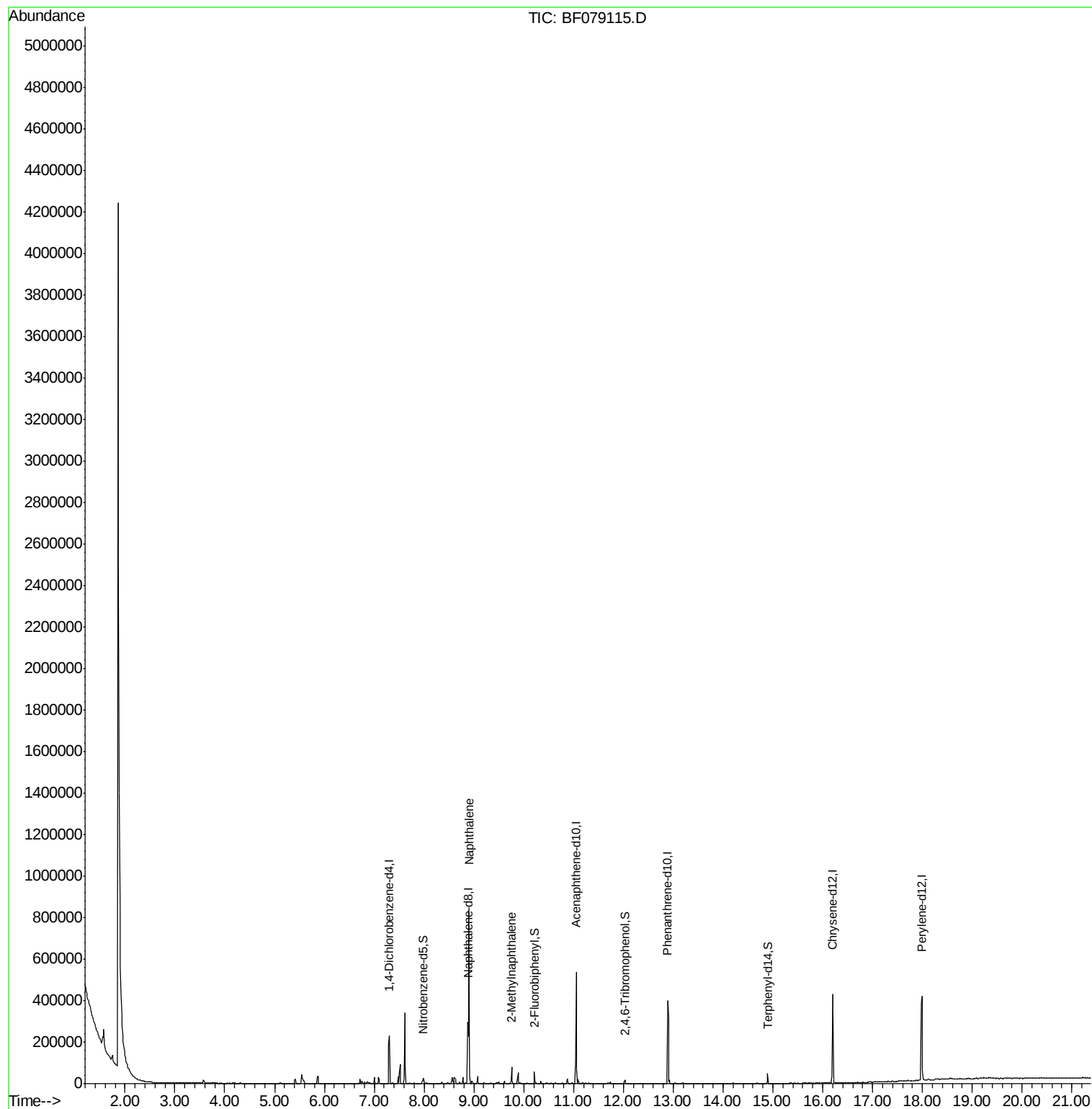
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	49086	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	205445	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	106720	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	206604	20.00	ng	-0.01
75) Chrysene-d12	16.19	240	222024	20.00	ng	-0.03
86) Perylene-d12	17.99	264	232124	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	4769	1.67	ng	0.00
7) Phenol-d6	6.86	99	4617	1.22	ng	0.00
23) Nitrobenzene-d5	7.99	82	8102	2.27	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	4021	3.48	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	19057	2.49	ng	-0.01
78) Terphenyl-d14	14.89	244	19197	2.07	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.90	128	380257	38.84	ng	99
37) 2-Methylnaphthalene	9.76	142	21805	3.21	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL2

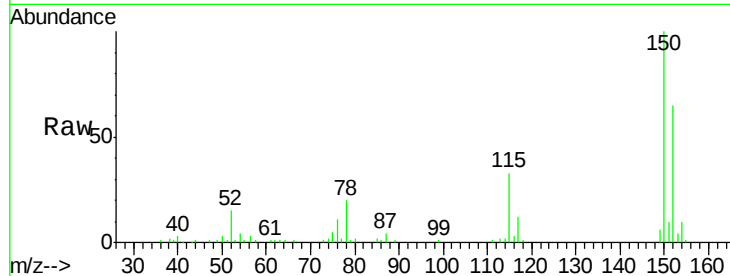
Tot Ion:152 Resp: 49086

Ion Ratio Lower Upper

152 100

150 153.9 122.0 183.0

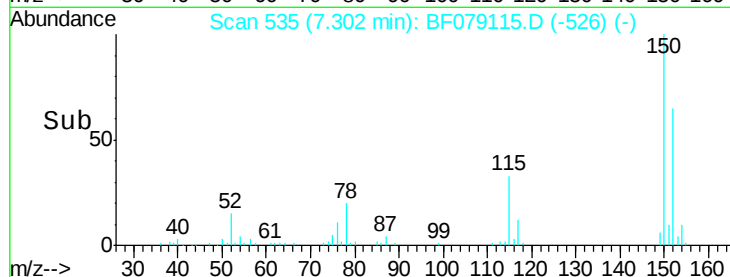
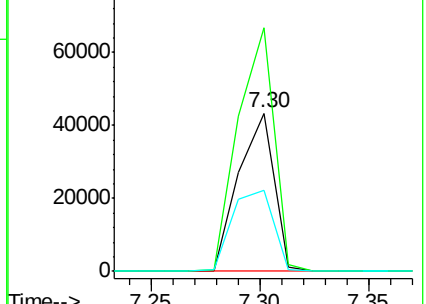
115 50.9 46.3 69.5



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: 1.67 ng

RT: 5.59 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

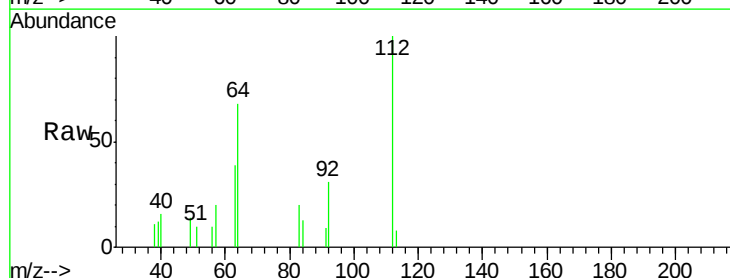
Tgt Ion:112 Resp: 4769

Ion Ratio Lower Upper

112 100

64 68.5 53.5 80.3

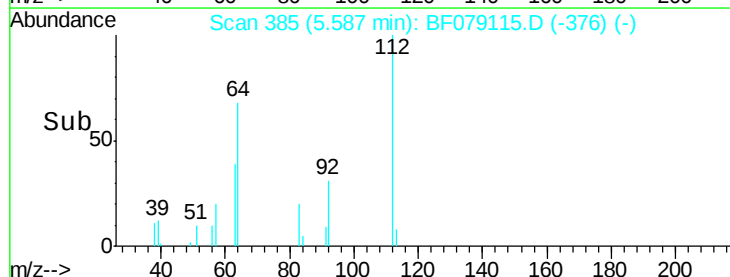
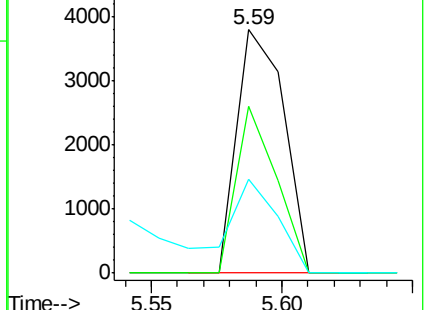
63 38.5 27.5 41.3



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: 1.22 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL2

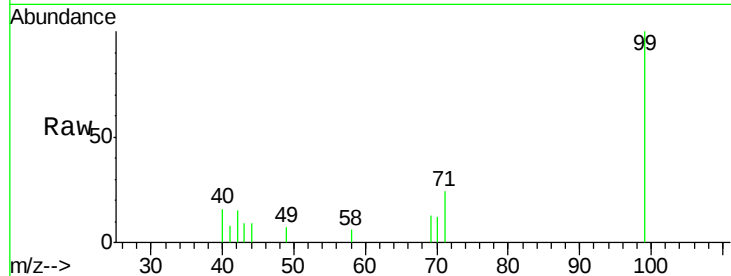
Tot Ion: 99 Resp: 4617

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

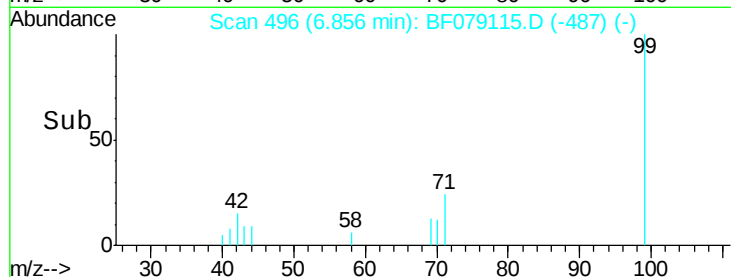
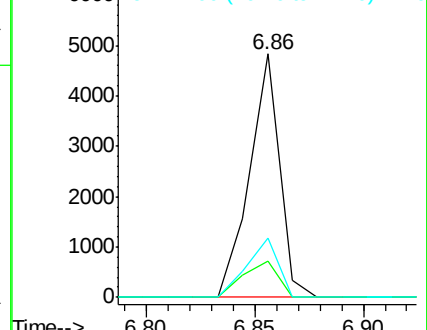
71 24.1 23.4 35.2



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: 8.88 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

Tgt Ion: 136 Resp: 205445

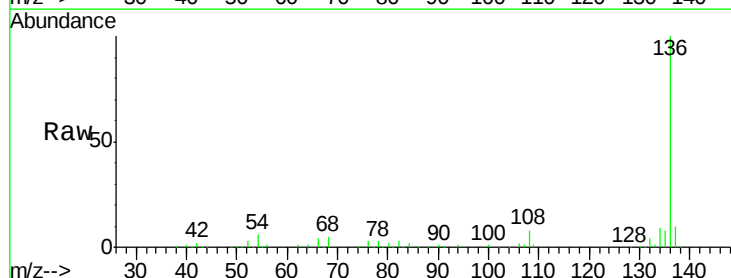
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.9 5.8 8.8

68 4.6 4.2 6.4

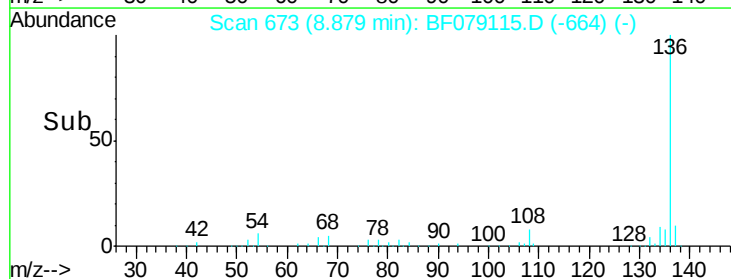
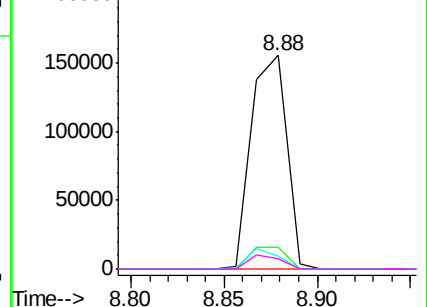


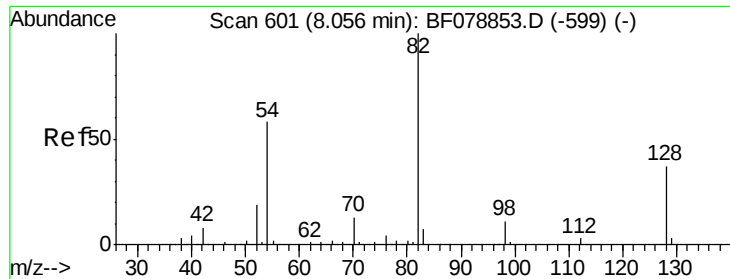
Abundance Ion 136.00 (135.70 to 136.70): E

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

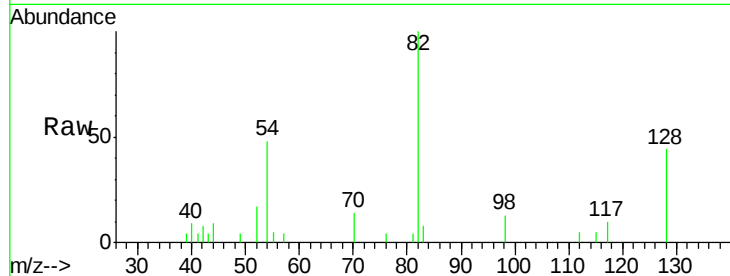




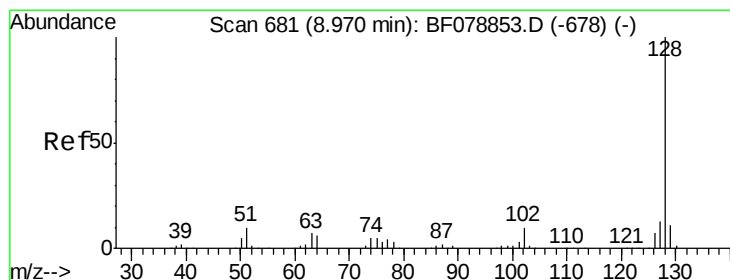
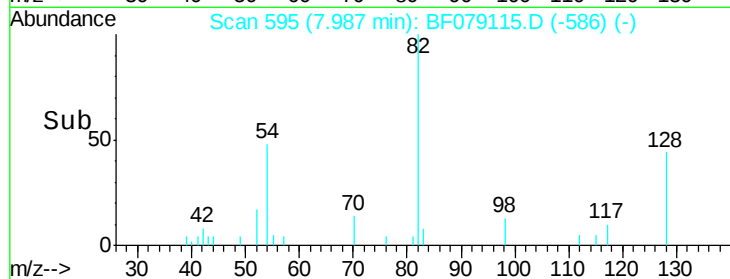
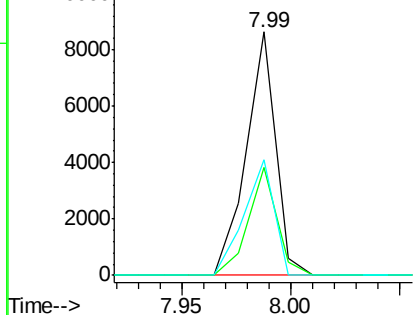
#23
Nitrobenzene-d5
Concen: 2.27 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF079115.D
Acq: 11 May 2015 14:53

Instrument :
BNA_F
ClientSampleId :
DBMW-02DL2

Tot Ion	82	Resp	8102
Ion Ratio	100	Lower	Upper
128	44.1	30.0	45.0
54	47.7	46.4	69.6

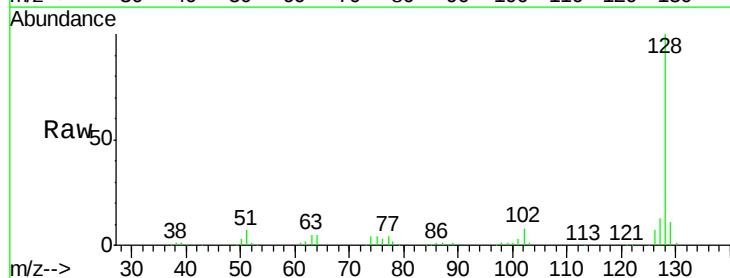


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

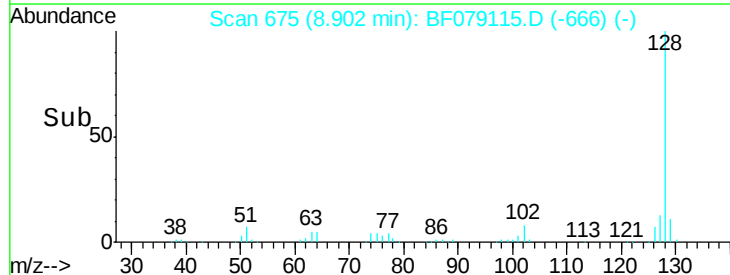
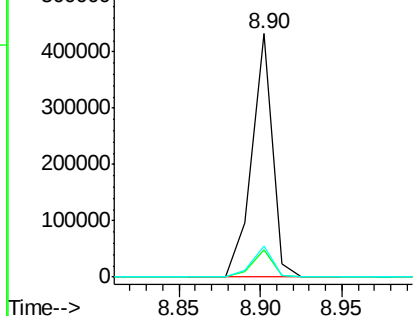


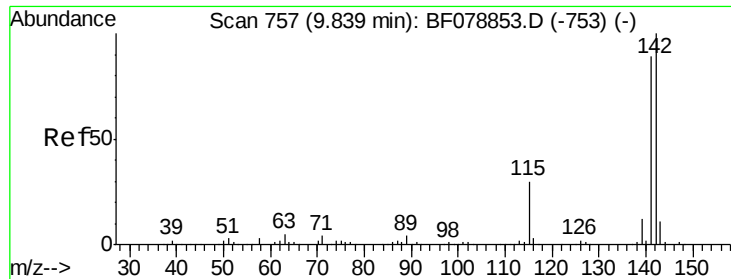
#31
Naphthalene
Concen: 38.84 ng
RT: 8.90 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF079115.D
Acq: 11 May 2015 14:53

Tgt Ion	128	Resp	380257
Ion Ratio	100	Lower	Upper
129	11.3	9.3	13.9
127	12.7	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

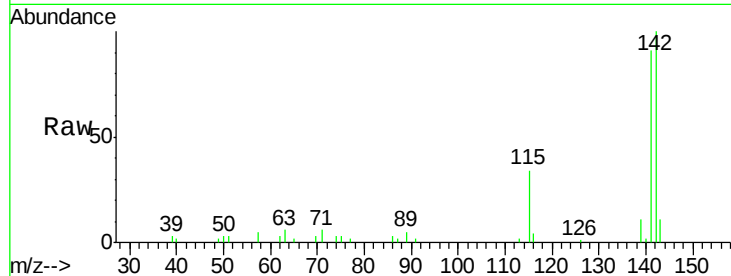




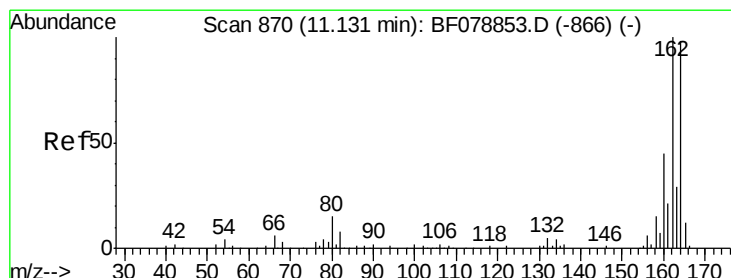
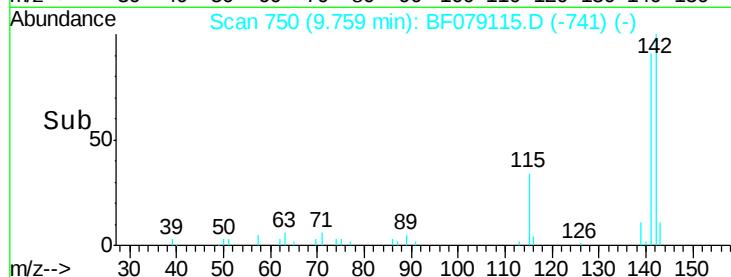
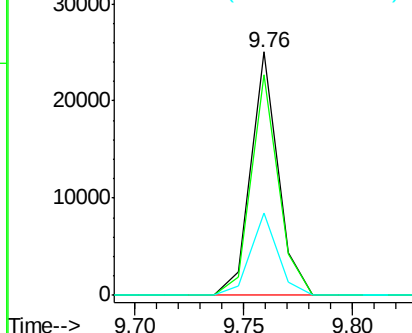
#37
 2-Methylnaphthalene
 Concen: 3.21 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079115.D
 Acq: 11 May 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL2

Tot Ion:142 Resp: 21805
 Ion Ratio Lower Upper
 142 100
 141 90.7 70.9 106.3
 115 33.8 28.5 42.7

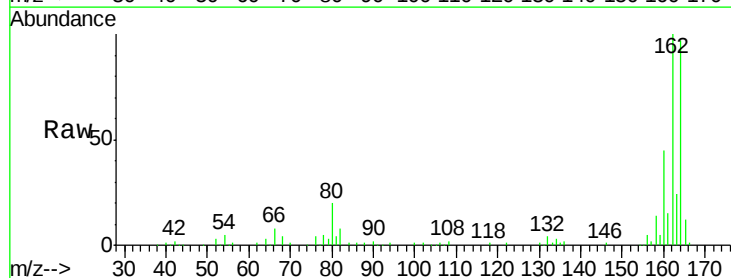


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

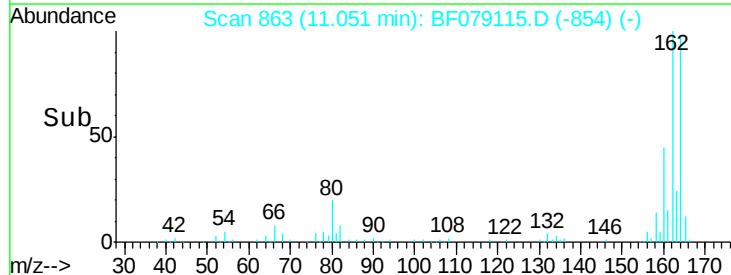
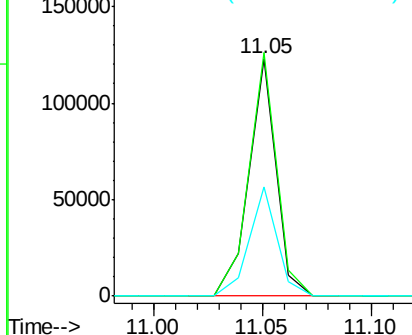


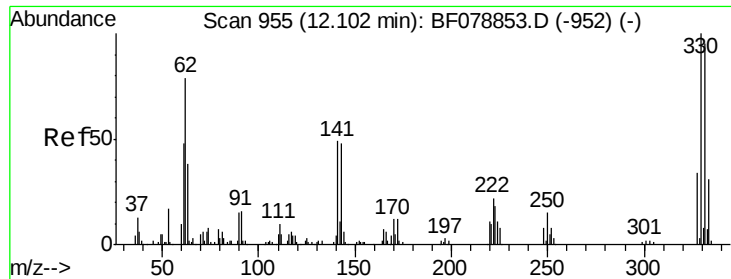
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079115.D
 Acq: 11 May 2015 14:53

Tgt Ion:164 Resp: 106720
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.7 124.1
 160 46.2 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

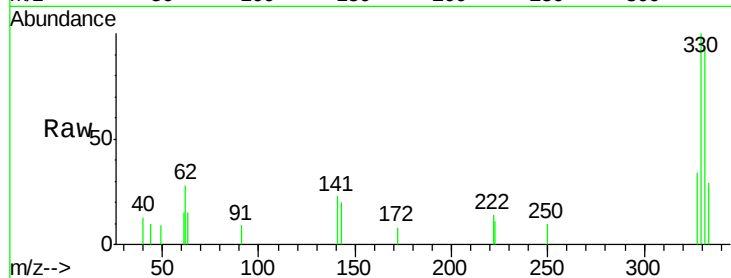




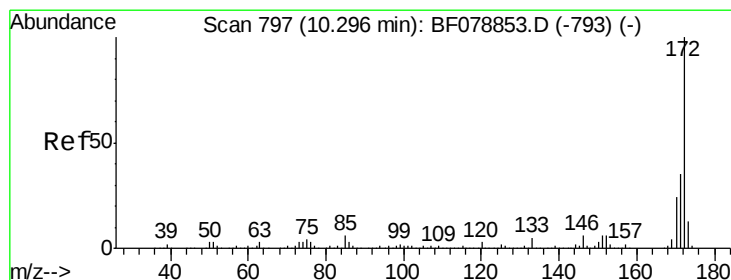
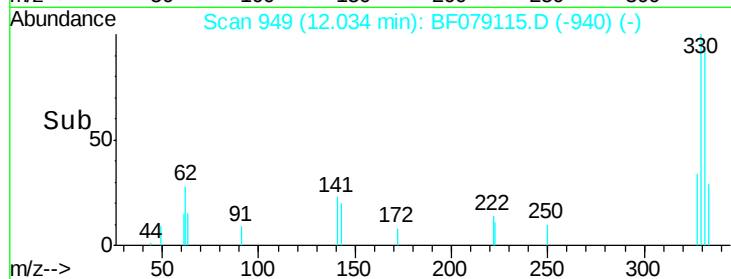
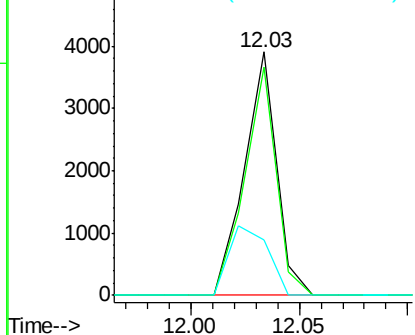
#41
 2,4,6-Tribromophenol
 Concen: 3.48 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079115.D
 Acq: 11 May 2015 14:53

Instrument :
 BNA_F
 ClientSampleId :
 DBMW-02DL2

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.8	0.0	0.0#
141	34.3	0.0	0.0#

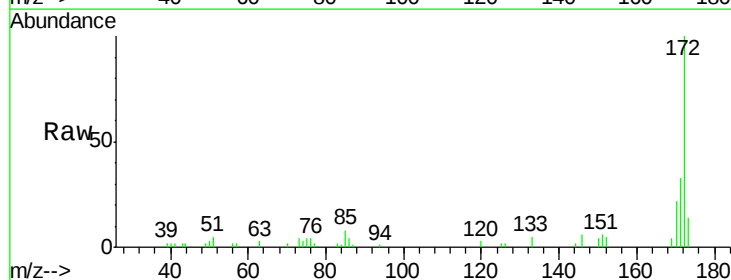


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

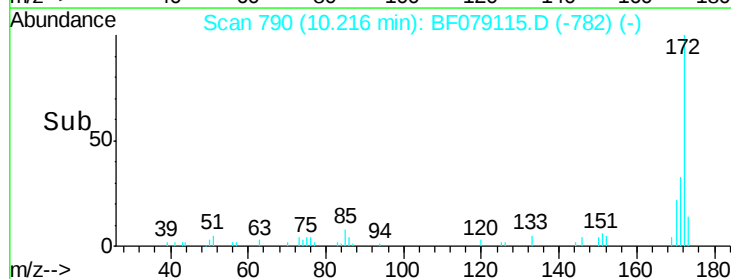
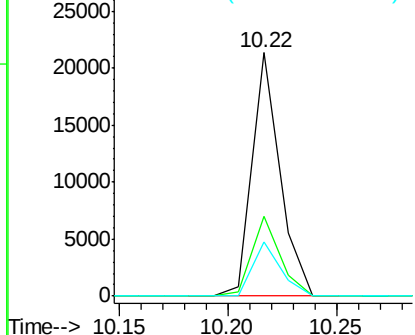


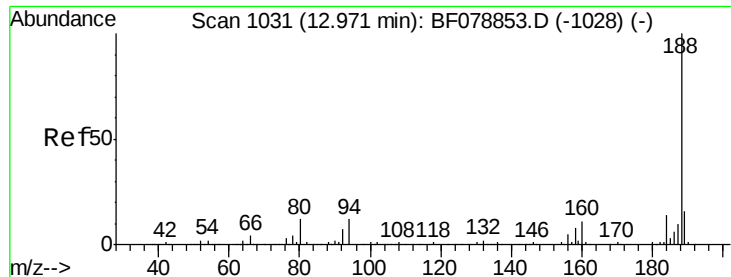
#44
 2-Fluorobiphenyl
 Concen: 2.49 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079115.D
 Acq: 11 May 2015 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.5	27.9	41.9
170	22.1	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

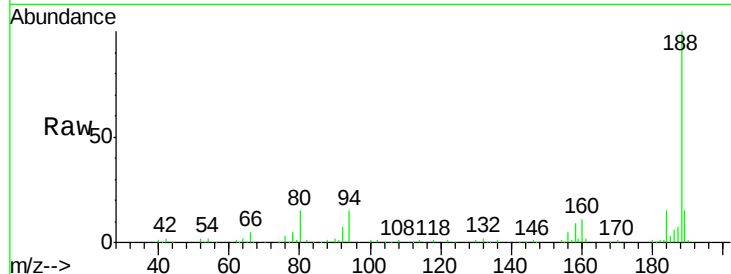




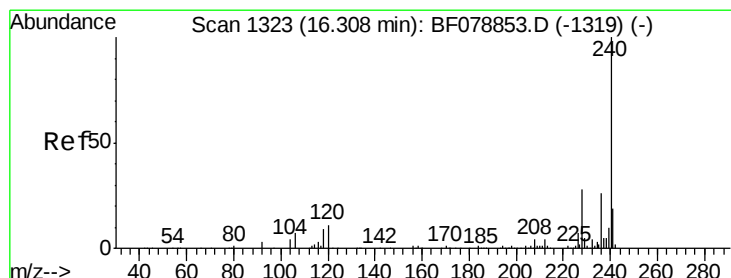
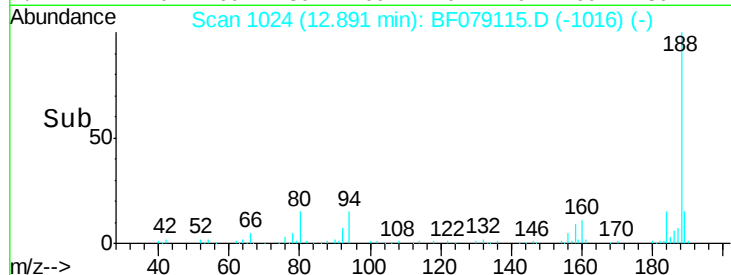
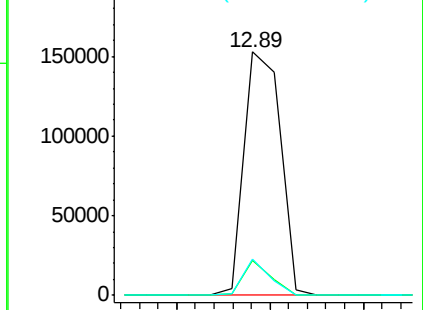
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079115.D
Acq: 11 May 2015 14:53

Instrument :
BNA_F
ClientSampleId :
DBMW-02DL2

Tot Ion:188 Resp: 206604
Ion Ratio Lower Upper
188 100
94 14.5 8.2 12.2#
80 14.8 8.9 13.3#

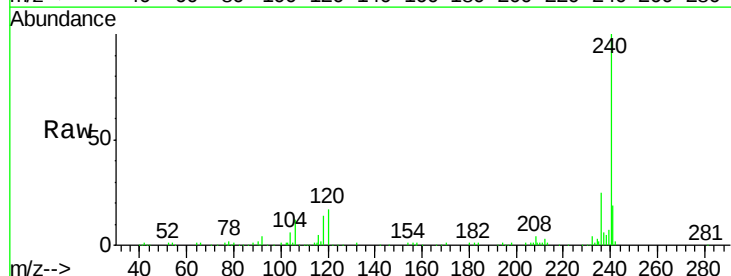


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

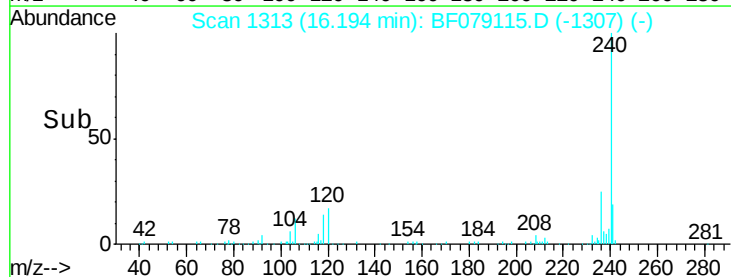
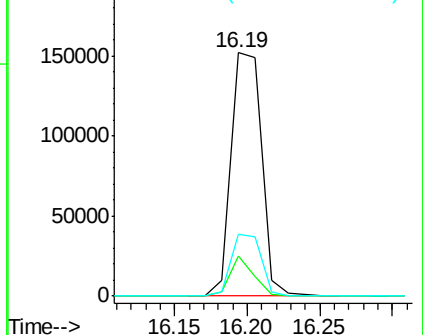


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF079115.D
Acq: 11 May 2015 14:53

Tgt Ion:240 Resp: 222024
Ion Ratio Lower Upper
240 100
120 16.6 9.7 14.5#
236 25.2 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: 2.07 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

Instrument :

BNA_F

ClientSampleId :

DBMW-02DL2

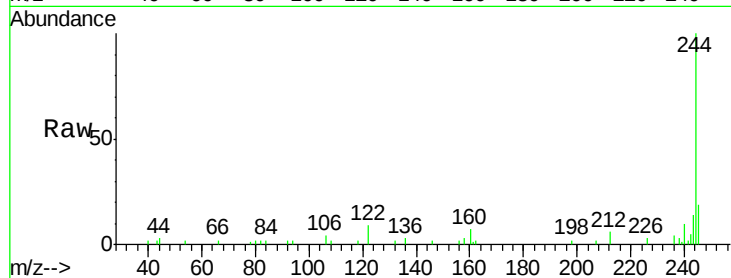
Tot Ion:244 Resp: 19197

Ion Ratio Lower Upper

244 100

212 6.1 5.6 8.4

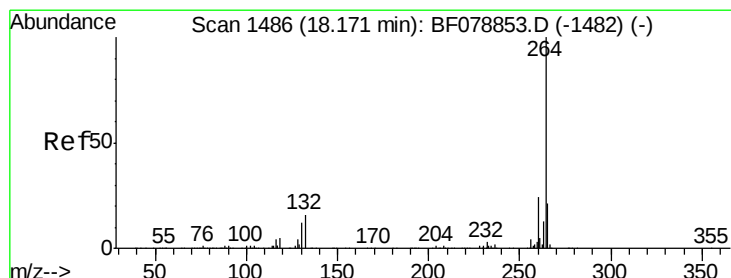
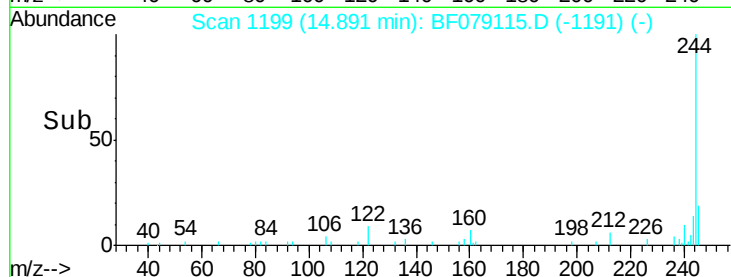
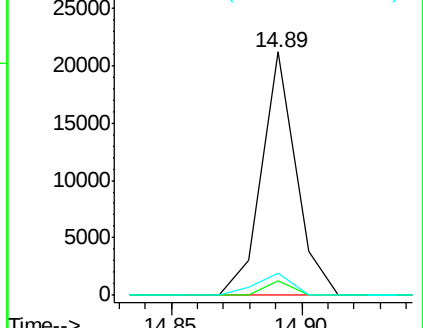
122 9.2 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.99 min Scan# 1470

Delta R.T. -0.07 min

Lab File: BF079115.D

Acq: 11 May 2015 14:53

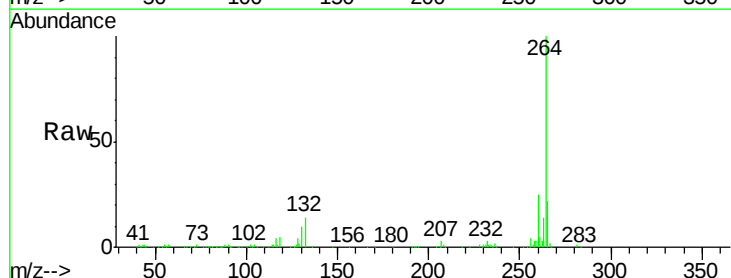
Tgt Ion:264 Resp: 232124

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.8 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

