

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077986.D
 Acq On : 26 Mar 2015 9:24
 Operator : TP/IZ
 Sample : G1642-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Mar 26 12:54:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	48783	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	198535	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	101381	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	199523	20.00	ng	-0.08
75) Chrysene-d12	15.96	240	218798	20.00	ng	-0.17
86) Perylene-d12	17.76	264	217569	20.00	ng	-0.34
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	148538	53.15	ng	-0.06
7) Phenol-d6	6.67	99	115257	33.38	ng	-0.06
23) Nitrobenzene-d5	7.79	82	242129	79.94	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	110223	113.63	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	533494	77.33	ng	-0.07
78) Terphenyl-d14	14.67	244	608035	67.88	ng	-0.09

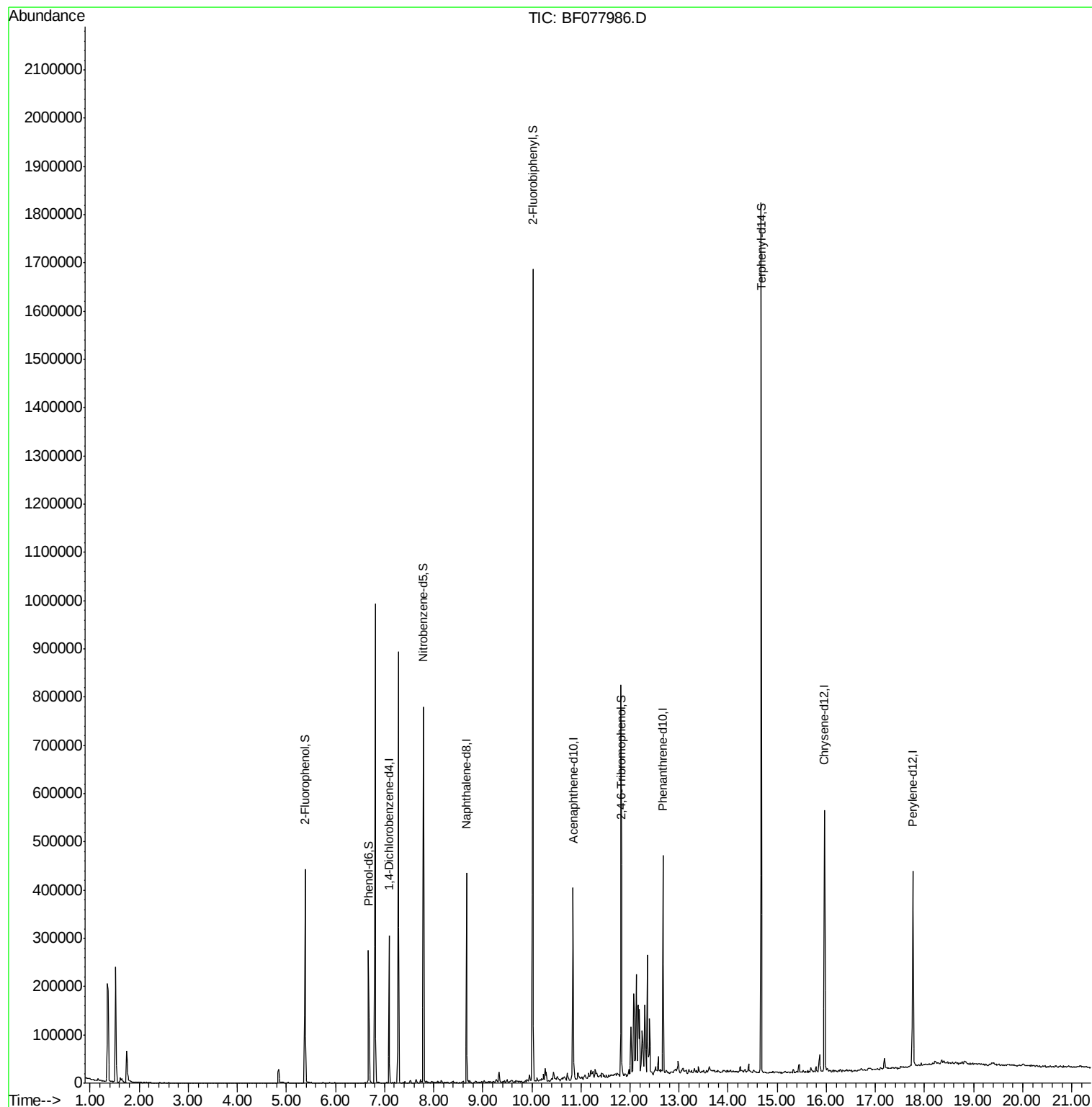
Target Compounds Qvalue

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

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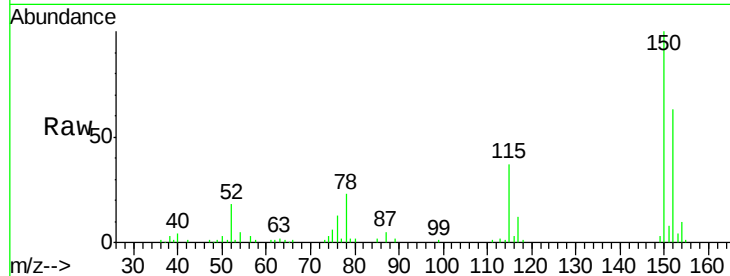


#1

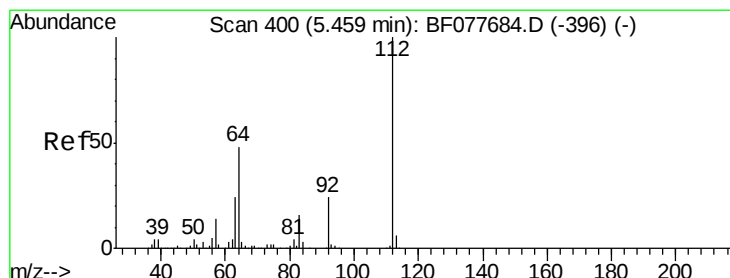
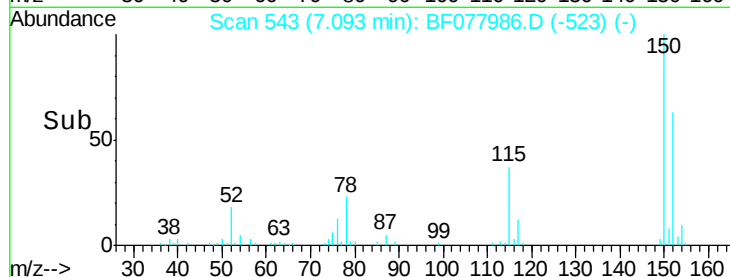
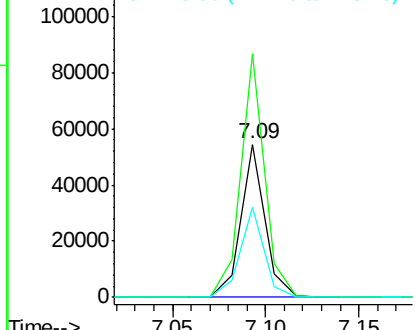
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF077986.D
Acq: 26 Mar 2015 9:24

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	119.5	179.3
115	59.0	43.0	64.4



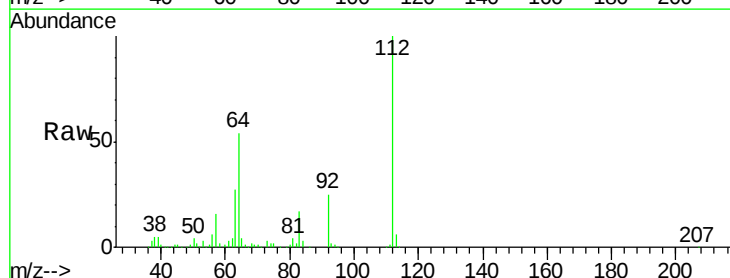
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



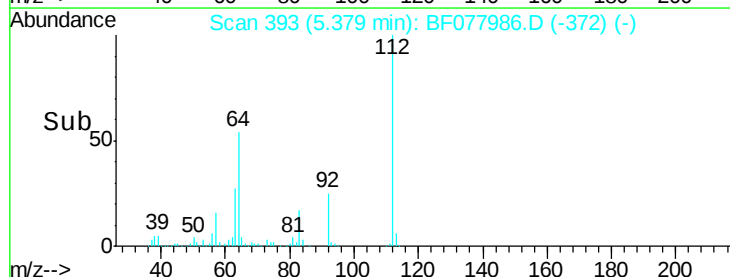
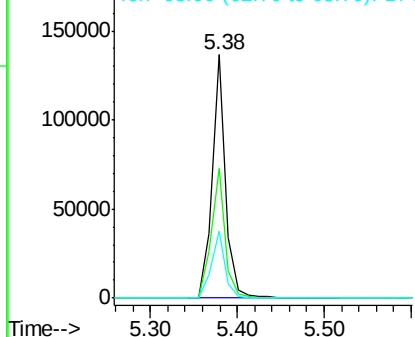
#5

2-Fluorophenol
Concen: 53.15 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF077986.D
Acq: 26 Mar 2015 9:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	38.6	57.8
63	27.4	19.3	28.9



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: 33.38 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF077986.D

Acq: 26 Mar 2015 9:24

Instrument :

BNA_F

ClientSampleId :

MW-13

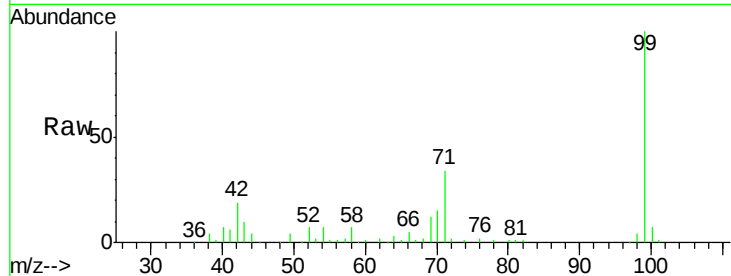
Tot Ion: 99 Resp: 115257

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

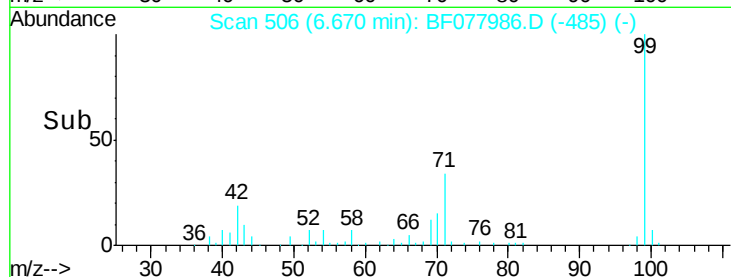
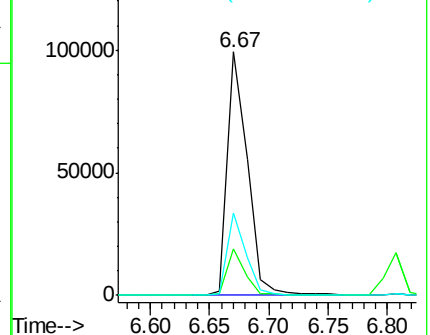
71 33.8 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.07 min

Lab File: BF077986.D

Acq: 26 Mar 2015 9:24

Tgt Ion: 136 Resp: 198535

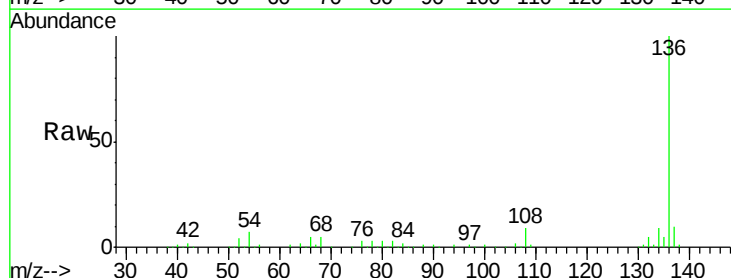
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.8 4.6 6.8

68 5.1 3.7 5.5

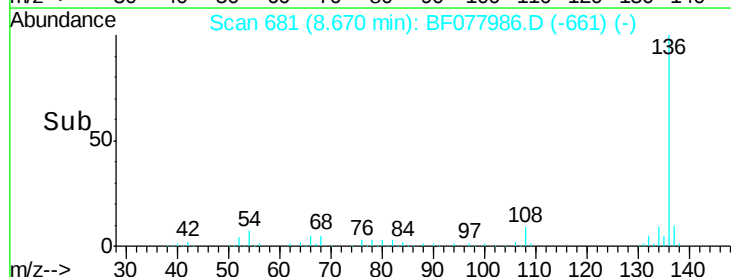
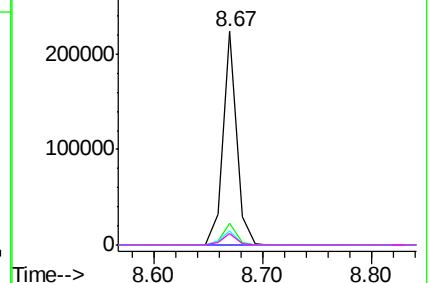


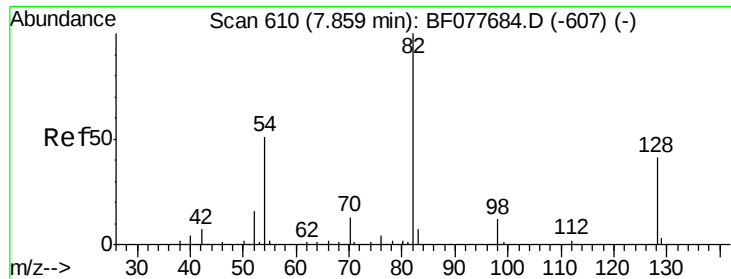
Abundance Ion 136.00 (135.70 to 136.70): E

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

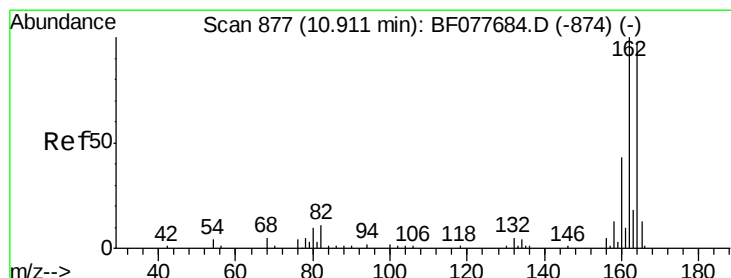
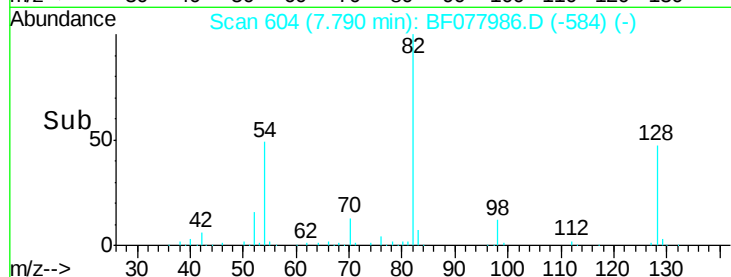
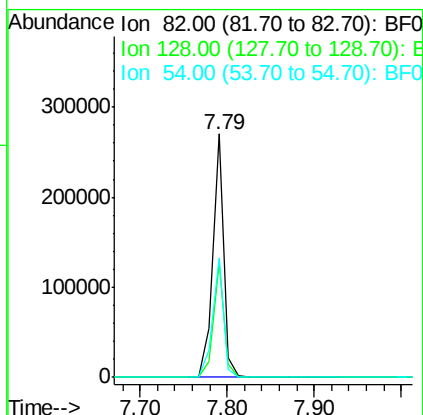
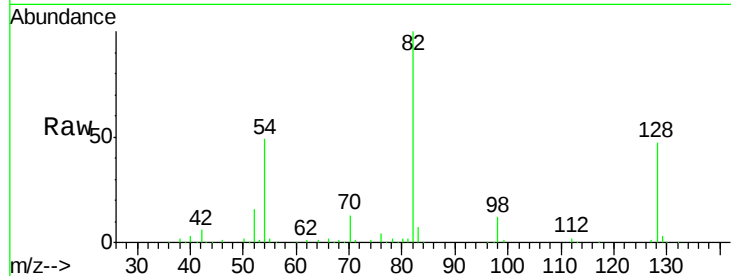




#23
 Nitrobenzene-d5
 Concen: 79.94 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.07 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

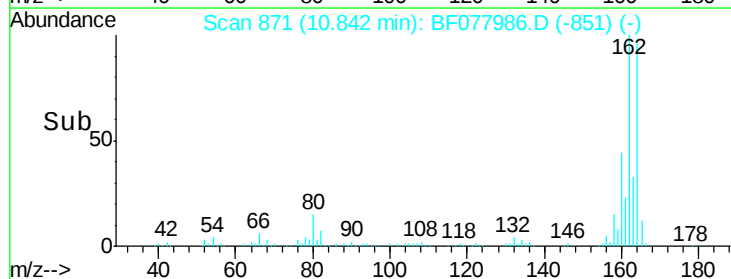
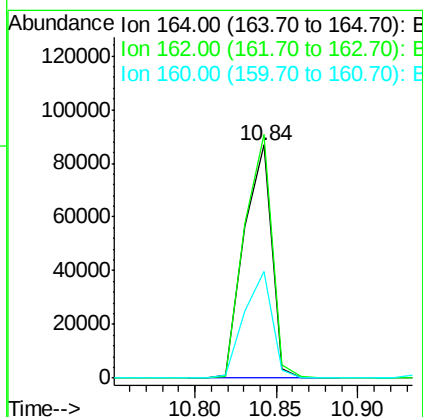
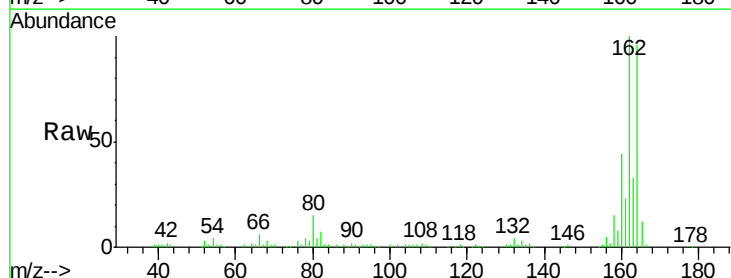
Instrument :
 BNA_F
 ClientSampleID :
 MW-13

Tot Ion: 82 Resp: 242129
 Ion Ratio Lower Upper
 82 100
 128 47.1 32.8 49.2
 54 49.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

Tgt Ion:164 Resp: 101381
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 45.8 35.8 53.6

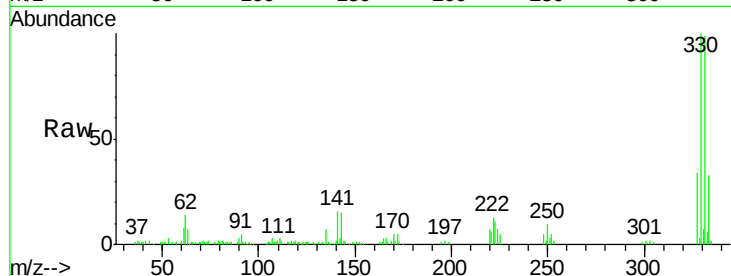




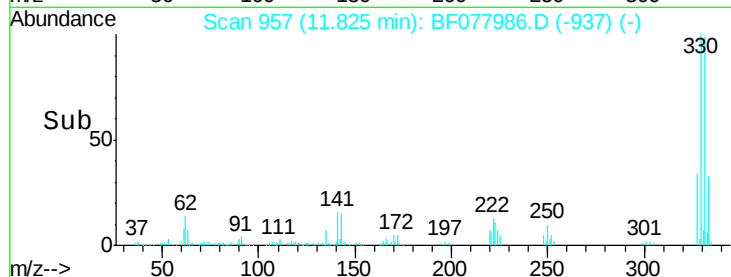
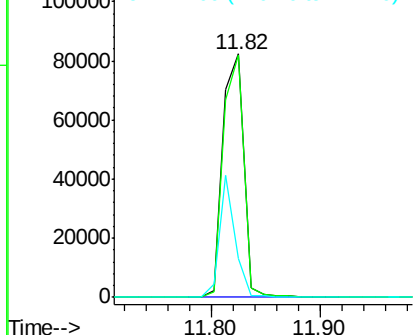
#41
 2,4,6-Tribromophenol
 Concen: 113.63 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	37.3	0.0	0.0#

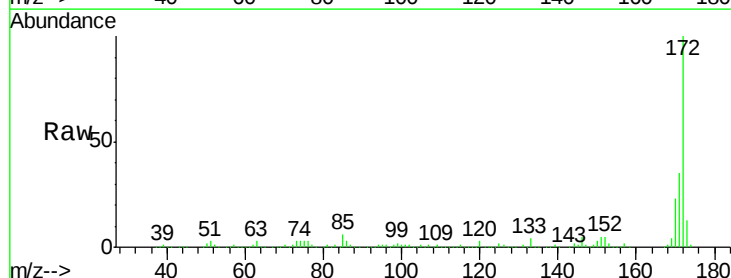


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

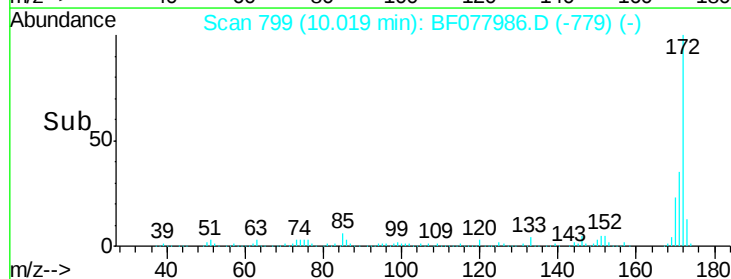
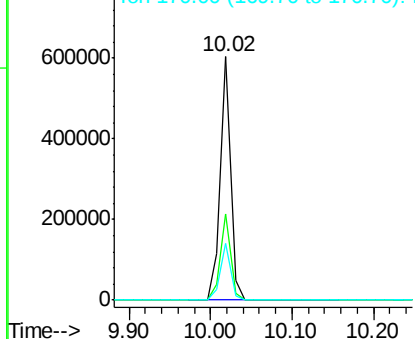


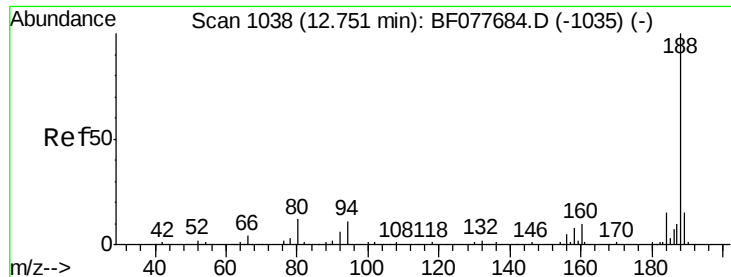
#44
 2-Fluorobiphenyl
 Concen: 77.33 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.1	18.8	28.2



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

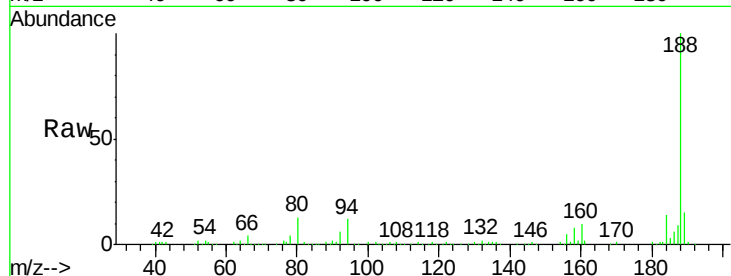




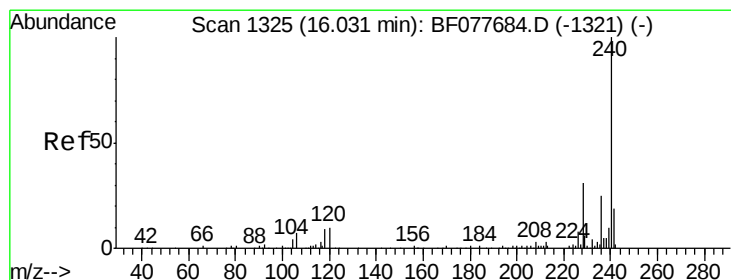
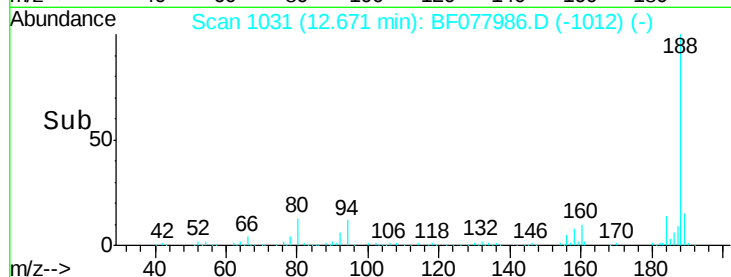
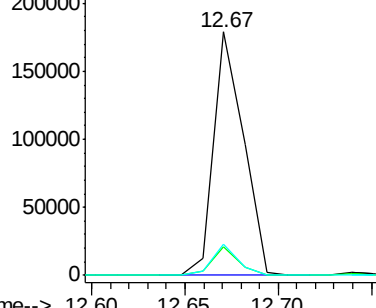
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF077986.D
Acq: 26 Mar 2015 9:24

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.7	13.1
80	12.7	9.3	13.9

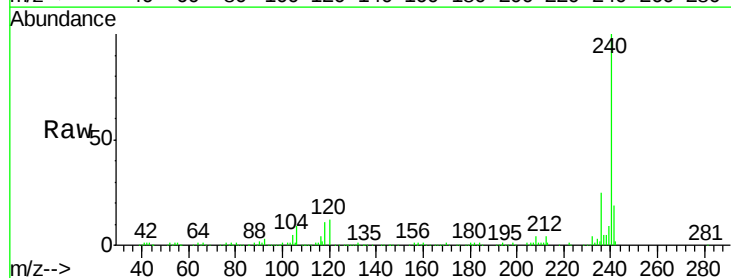


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

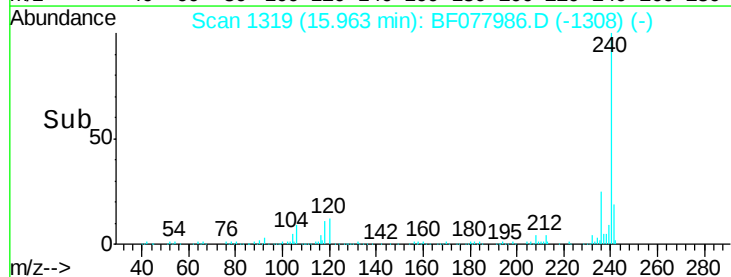
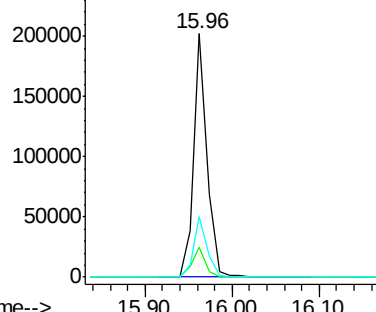


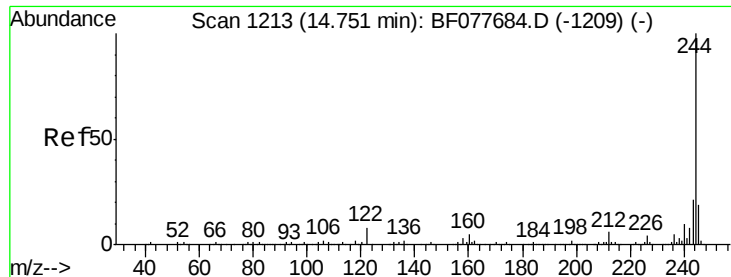
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.96 min Scan# 1319
Delta R.T. -0.17 min
Lab File: BF077986.D
Acq: 26 Mar 2015 9:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.2	12.2
236	25.0	20.0	30.0



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

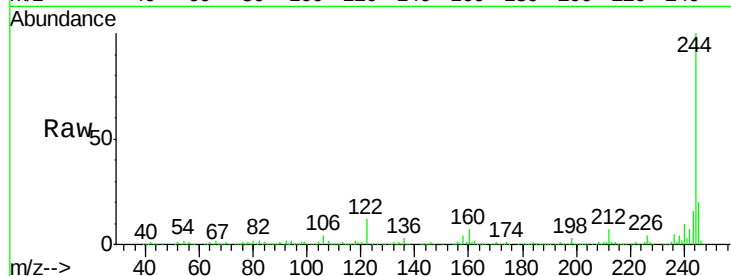




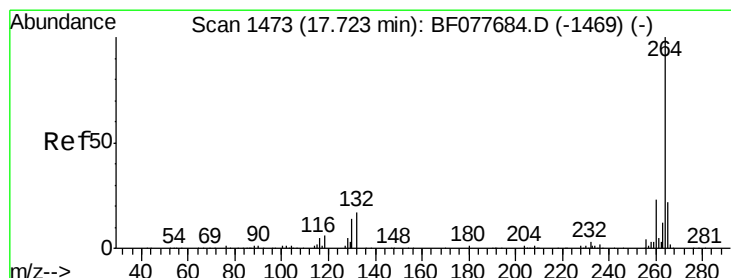
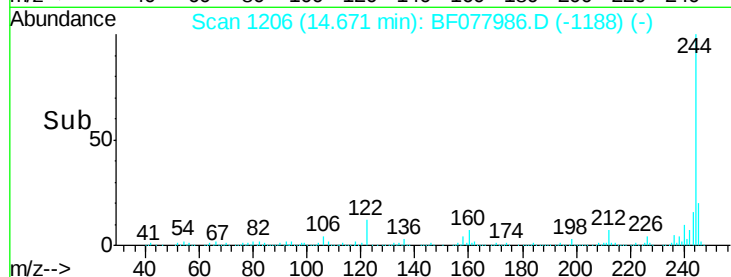
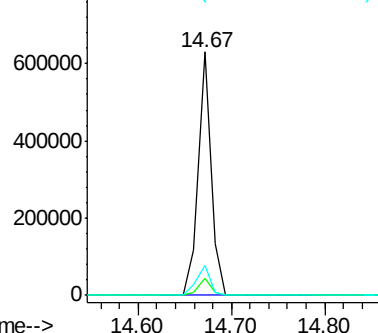
#78
 Terphenyl-d14
 Concen: 67.88 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.09 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion:244 Resp: 608035
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 12.3 6.2 9.4#

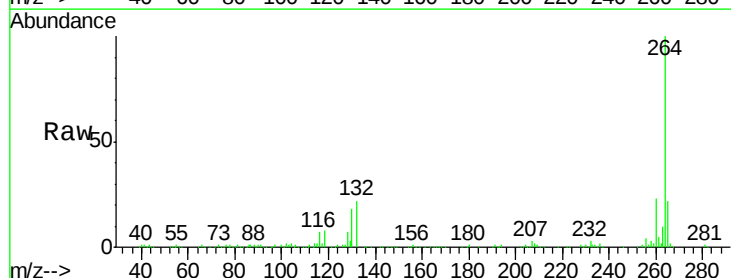


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. -0.34 min
 Lab File: BF077986.D
 Acq: 26 Mar 2015 9:24

Tgt Ion:264 Resp: 217569
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.8 17.3 25.9



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

