

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077972.D
 Acq On : 26 Mar 2015 1:08
 Operator : TP/IZ
 Sample : G1643-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-3-23-15

Quant Time: Mar 26 11:48:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

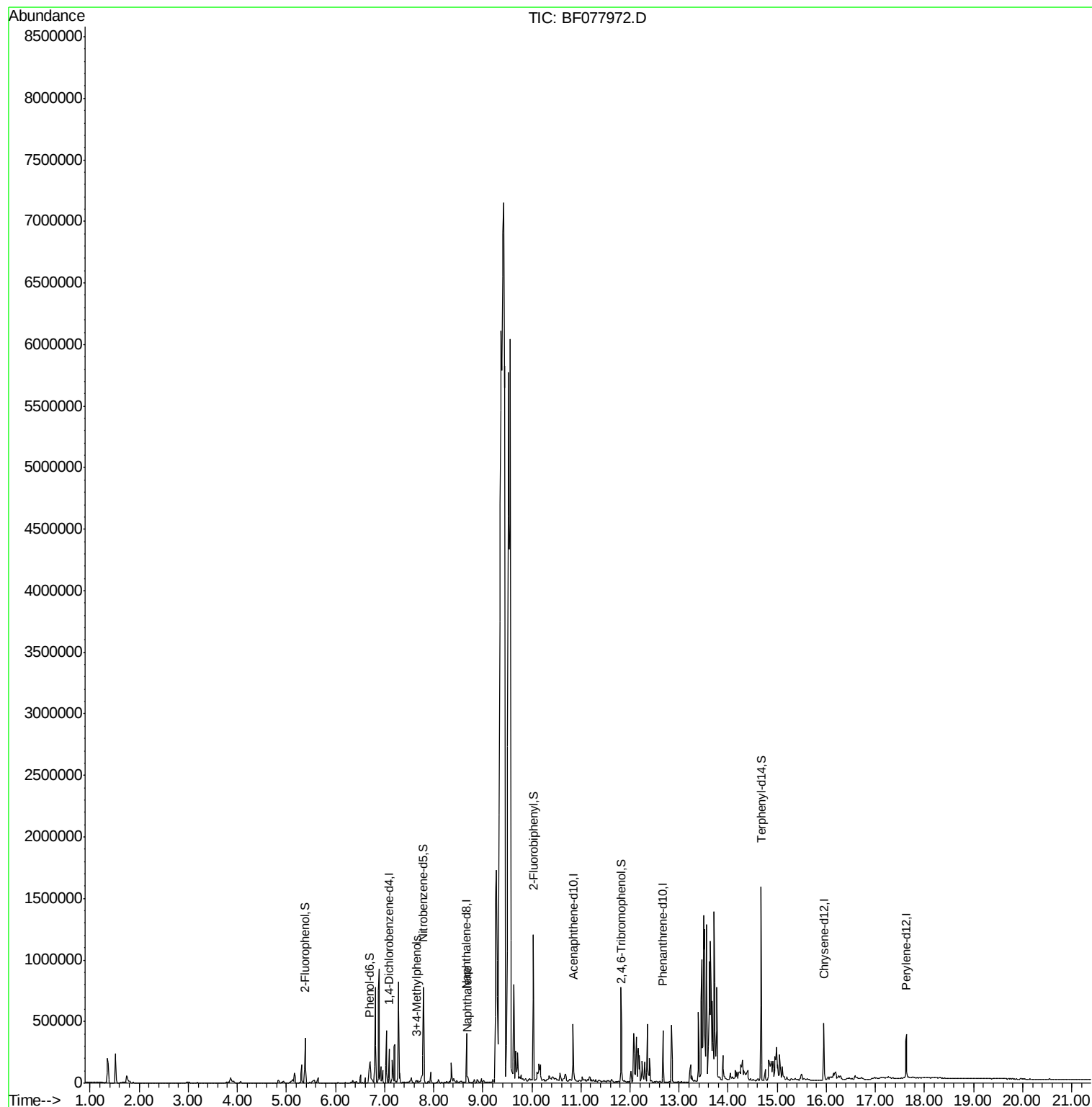
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42450	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175535	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	91936	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	172398	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	192323	20.00	ng	-0.02
86) Perylene-d12	17.63	264	189803	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	137236	56.43	ng	0.00
7) Phenol-d6	6.69	99	110966	36.93	ng	0.02
23) Nitrobenzene-d5	7.79	82	214760	80.20	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	95282	108.32	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	455032	72.74	ng	0.01
78) Terphenyl-d14	14.67	244	559284	71.03	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.64	107	11722	3.79	ng	91
31) Naphthalene	8.69	128	24520	2.72	ng	98

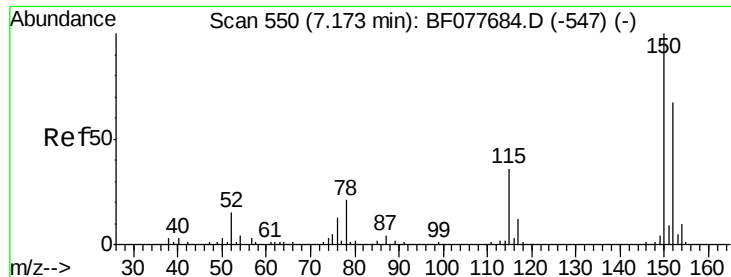
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

Instrument :

BNA_F

ClientSampleId :

MW-13-3-23-15

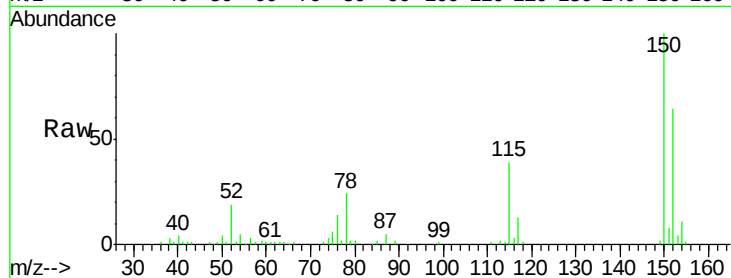
Tot Ion:152 Resp: 42450

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

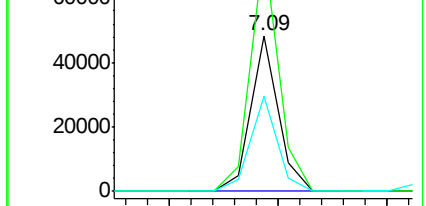
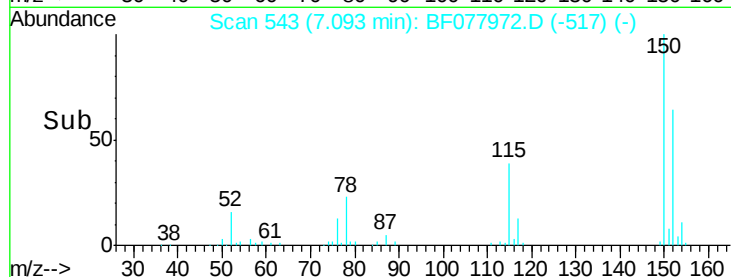
115 61.1 43.0 64.4



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: 56.43 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

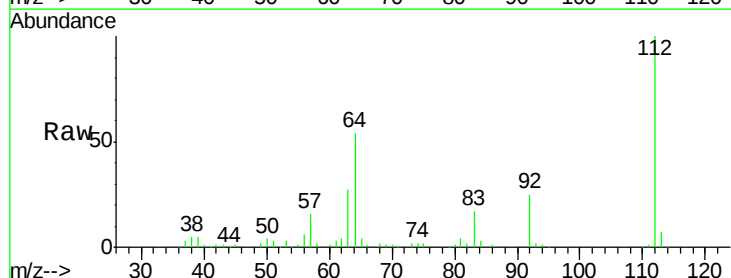
Tgt Ion:112 Resp: 137236

Ion Ratio Lower Upper

112 100

64 54.1 38.6 57.8

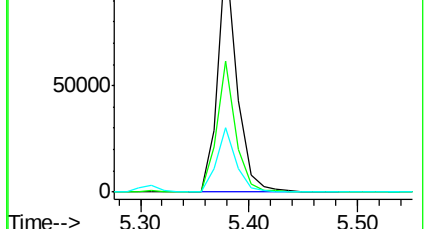
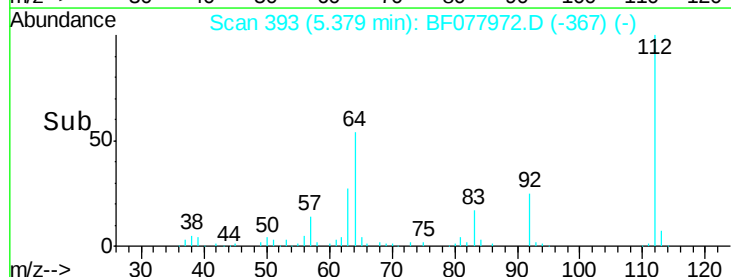
63 26.6 19.3 28.9

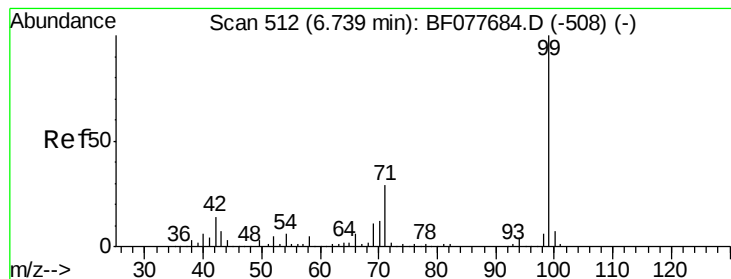


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.93 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

Instrument :

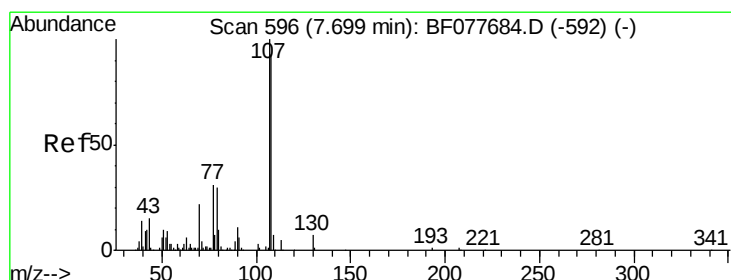
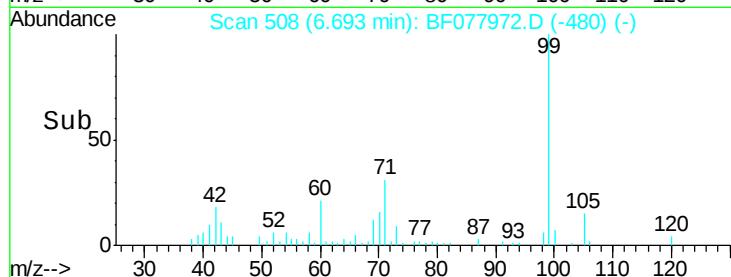
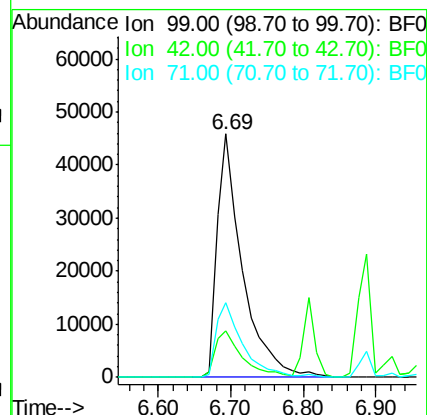
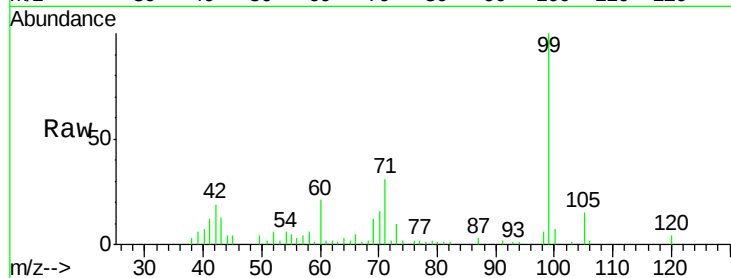
BNA_F

ClientSampleId :

MW-13-3-23-15

Tot Ion: 99 Resp: 110966

Ion	Ratio	Lower	Upper
99	100		
42	19.1	11.0	16.4#
71	30.5	23.4	35.2



#20

3+4-Methylphenols

Concen: 3.79 ng

RT: 7.64 min Scan# 591

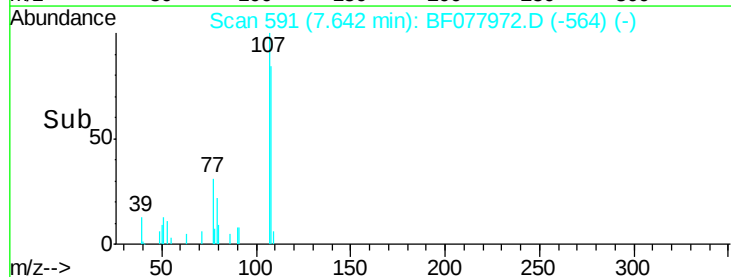
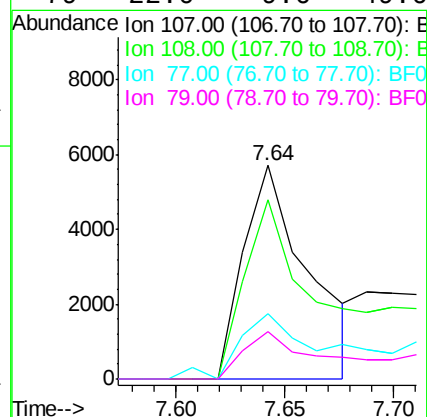
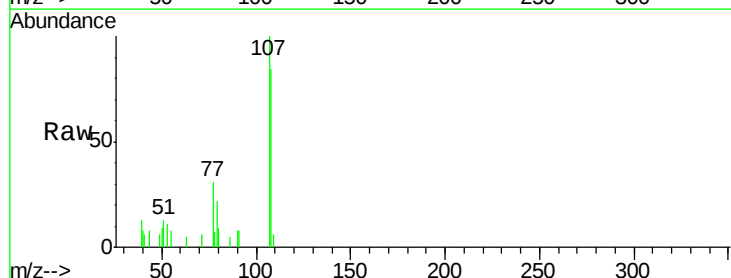
Delta R.T. 0.01 min

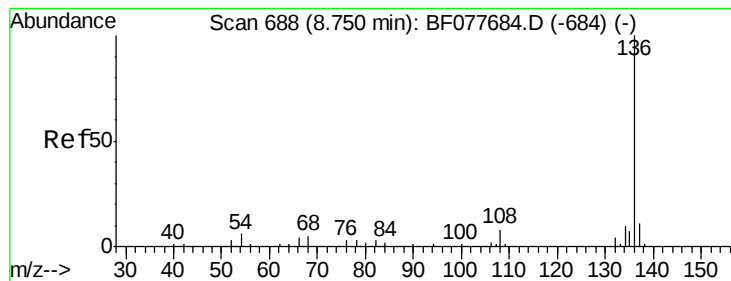
Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

Tgt Ion: 107 Resp: 11722

Ion	Ratio	Lower	Upper
107	100		
108	83.8	73.2	113.2
77	30.6	10.7	50.7
79	22.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

Instrument :

BNA_F

ClientSampleId :

MW-13-3-23-15

Tot Ion:136 Resp: 175535

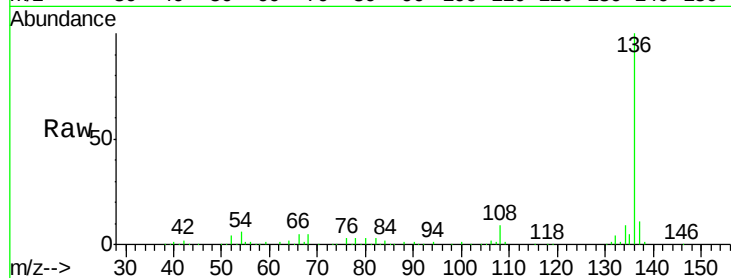
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.5 4.6 6.8

68 5.3 3.7 5.5

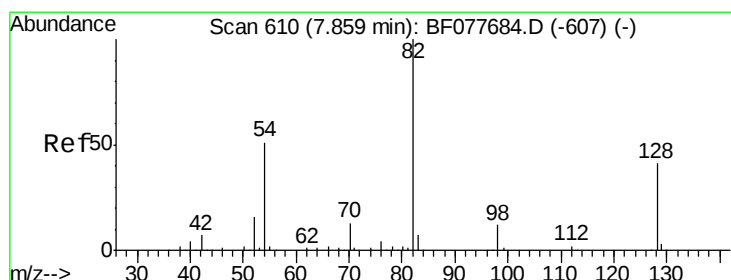
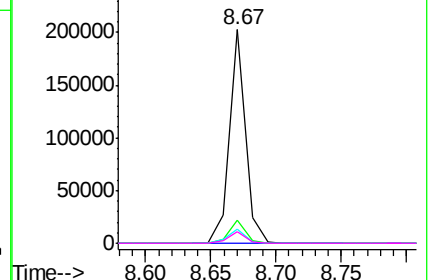
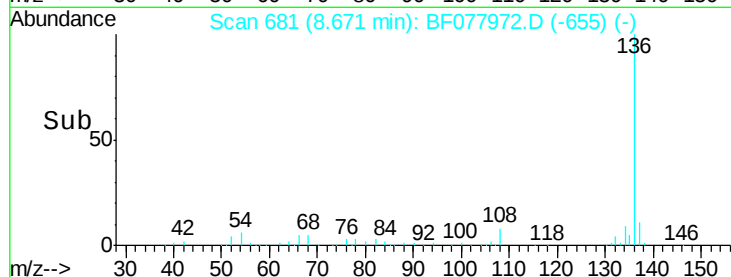


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.20 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

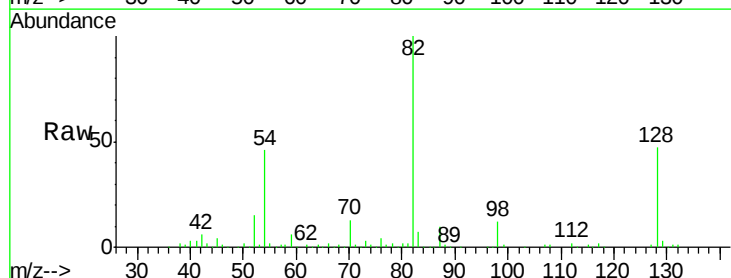
Tgt Ion: 82 Resp: 214760

Ion Ratio Lower Upper

82 100

128 46.7 32.8 49.2

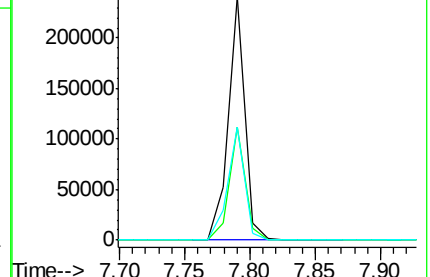
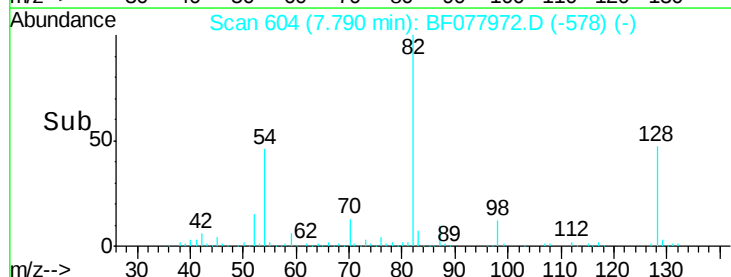
54 46.2 40.6 60.8

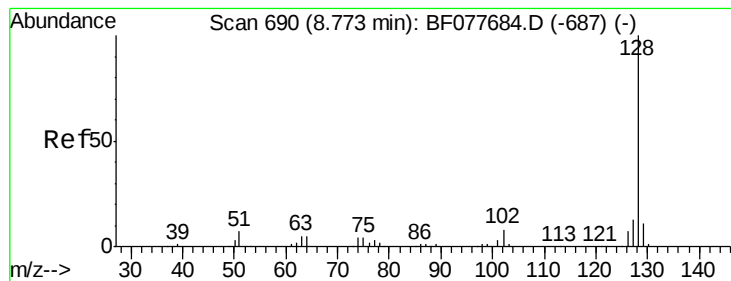


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.72 ng

RT: 8.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

Instrument :

BNA_F

ClientSampleId :

MW-13-3-23-15

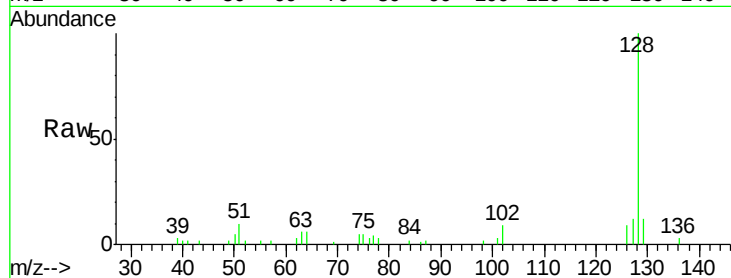
Tot Ion:128 Resp: 24520

Ion Ratio Lower Upper

128 100

129 12.3 8.9 13.3

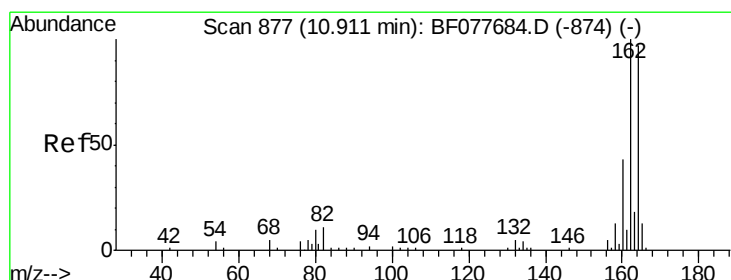
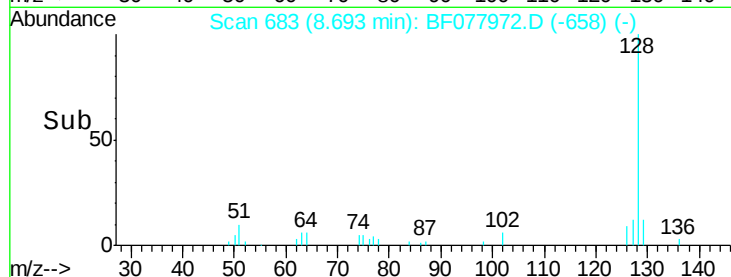
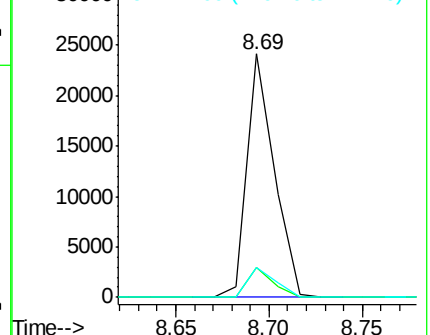
127 12.4 10.4 15.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077972.D

Acq: 26 Mar 2015 1:08

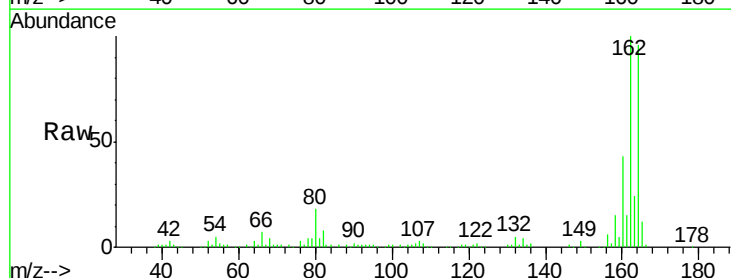
Tgt Ion:164 Resp: 91936

Ion Ratio Lower Upper

164 100

162 104.2 82.4 123.6

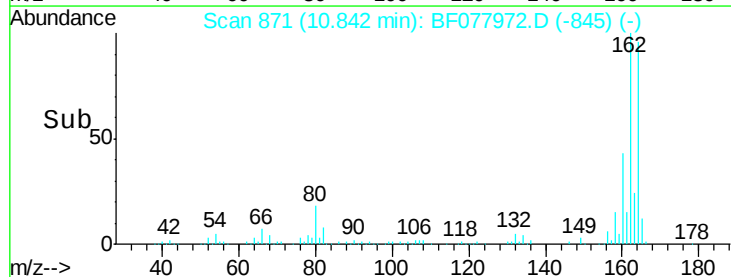
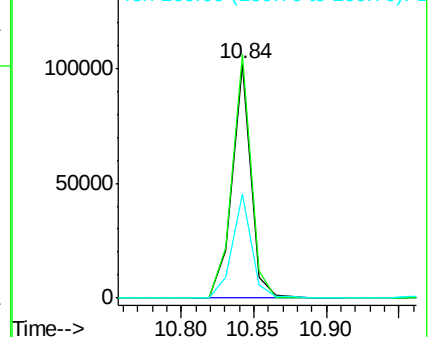
160 44.4 35.8 53.6



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

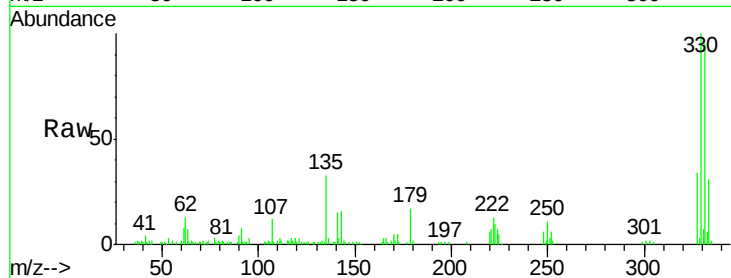




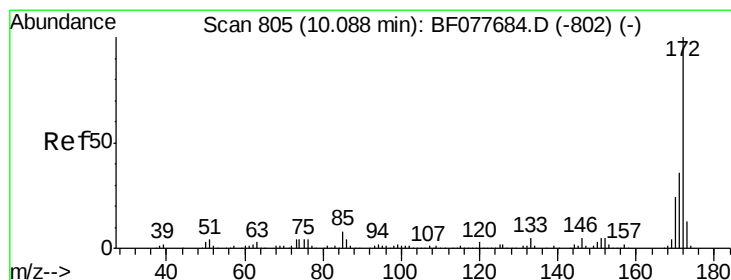
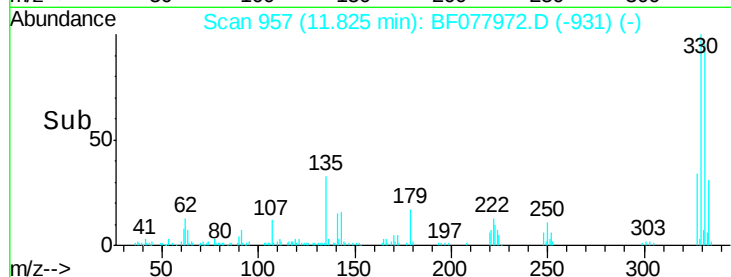
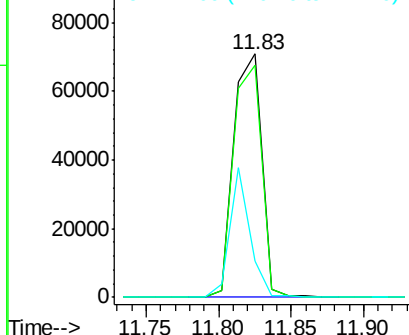
#41
 2,4,6-Tribromophenol
 Concen: 108.32 ng
 RT: 11.83 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF077972.D
 Acq: 26 Mar 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-3-23-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	38.5	0.0	0.0#

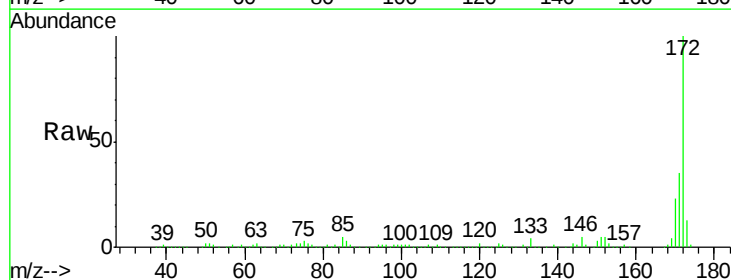


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

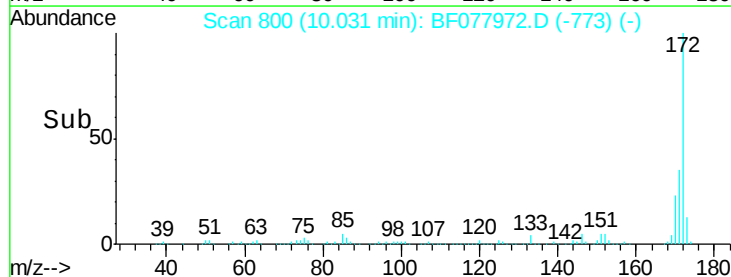
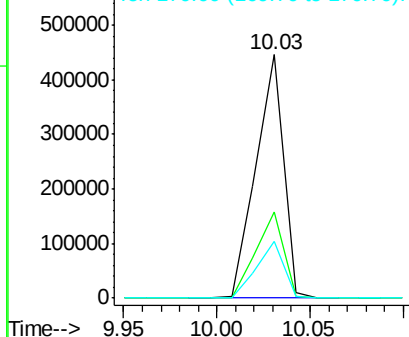


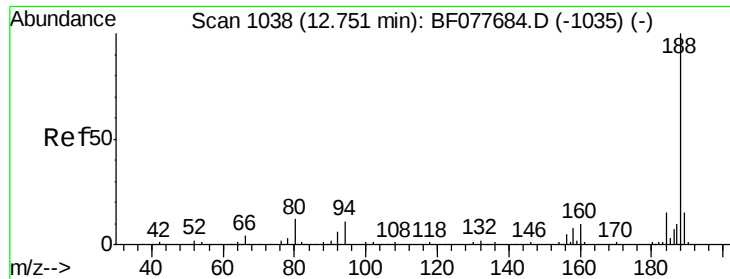
#44
 2-Fluorobiphenyl
 Concen: 72.74 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF077972.D
 Acq: 26 Mar 2015 1:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	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

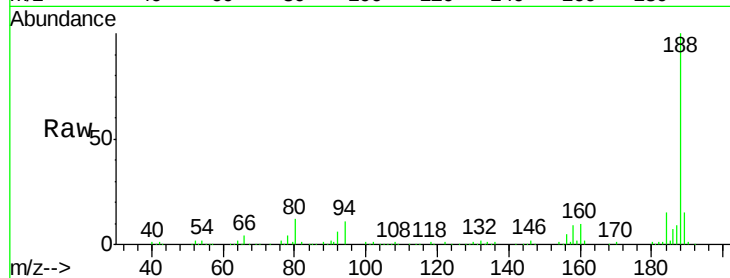




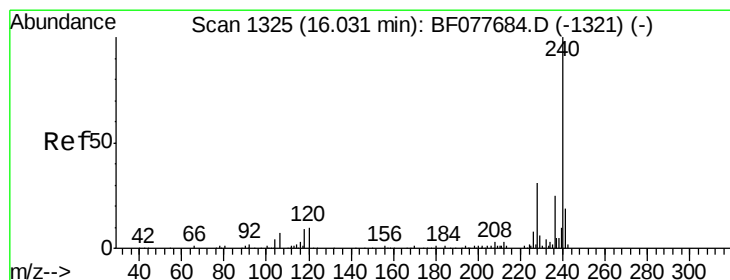
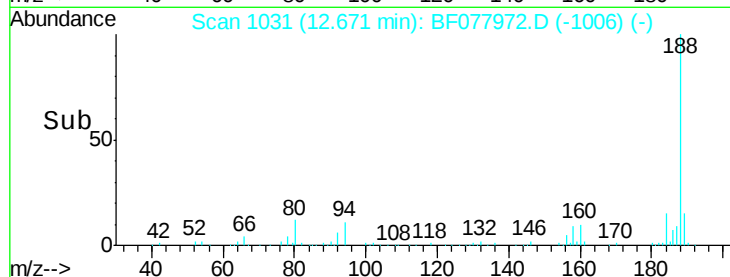
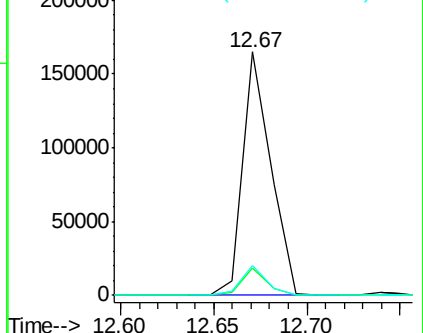
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Instrument :
BNA_F
ClientSampleId :
MW-13-3-23-15

Tot Ion:188 Resp: 172398
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.2 9.3 13.9

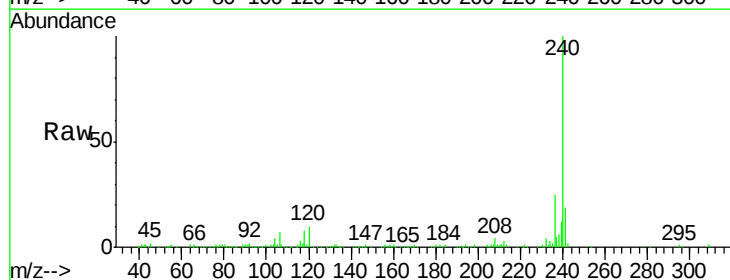


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

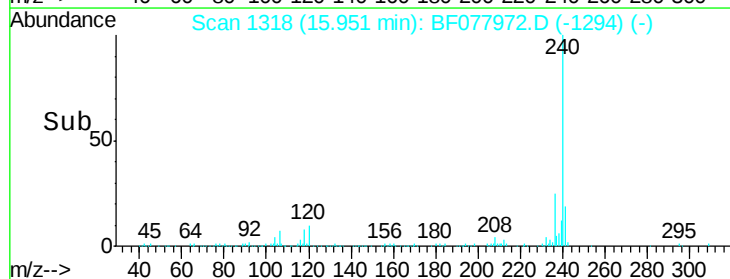
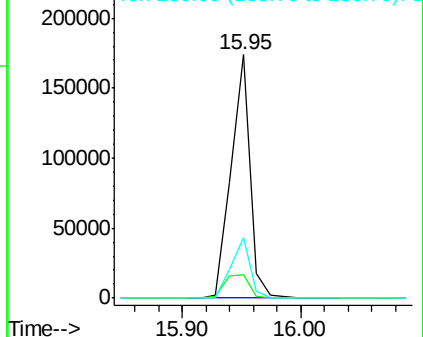


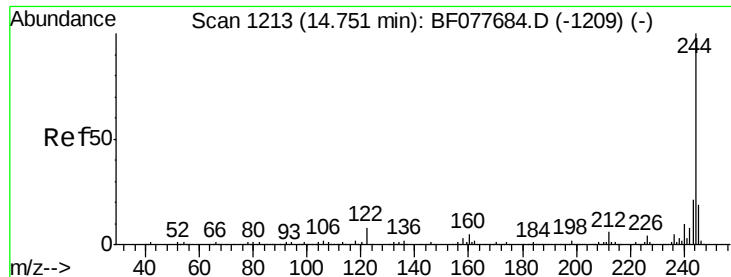
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077972.D
Acq: 26 Mar 2015 1:08

Tgt Ion:240 Resp: 192323
Ion Ratio Lower Upper
240 100
120 9.6 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

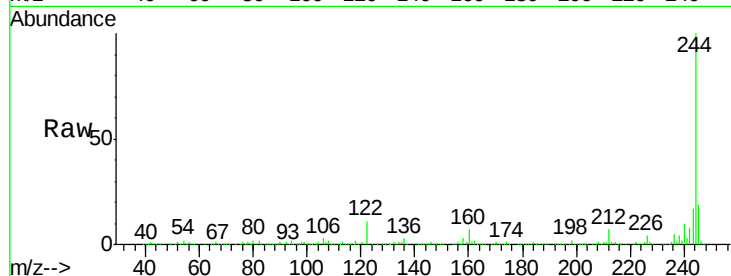




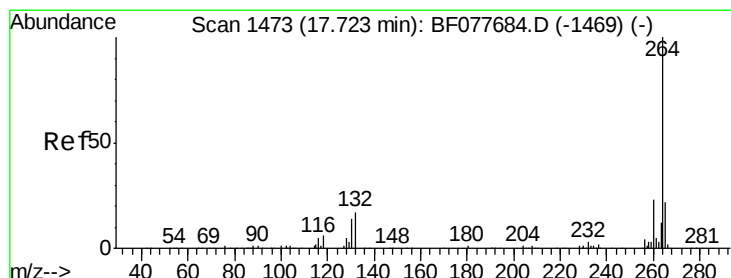
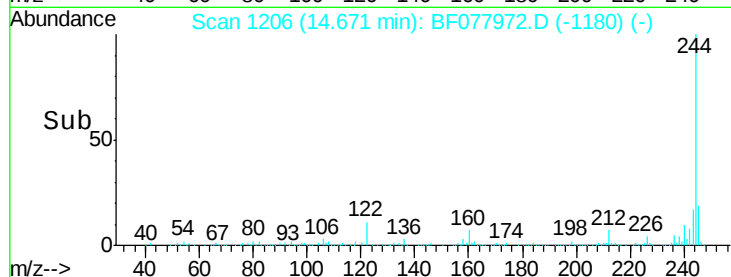
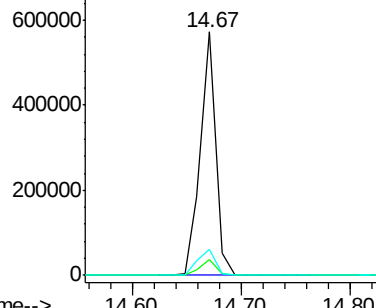
#78
 Terphenyl-d14
 Concen: 71.03 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077972.D
 Acq: 26 Mar 2015 1:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-13-3-23-15

Tot Ion:244 Resp: 559284
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.9 7.3
 122 10.6 6.2 9.4#

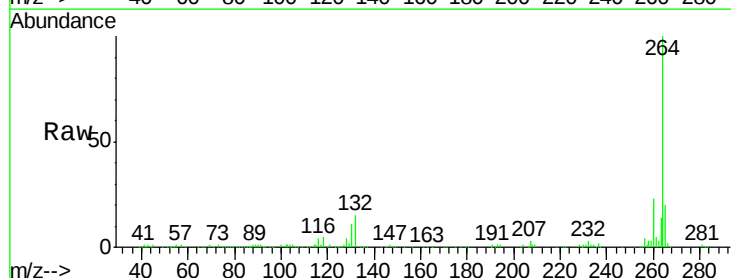


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. -0.11 min
 Lab File: BF077972.D
 Acq: 26 Mar 2015 1:08

Tgt Ion:264 Resp: 189803
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 20.3 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

