

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077970.D
 Acq On : 26 Mar 2015 00:10
 Operator : TP/IZ
 Sample : G1643-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-23-15

Quant Time: Mar 26 04:31:40 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

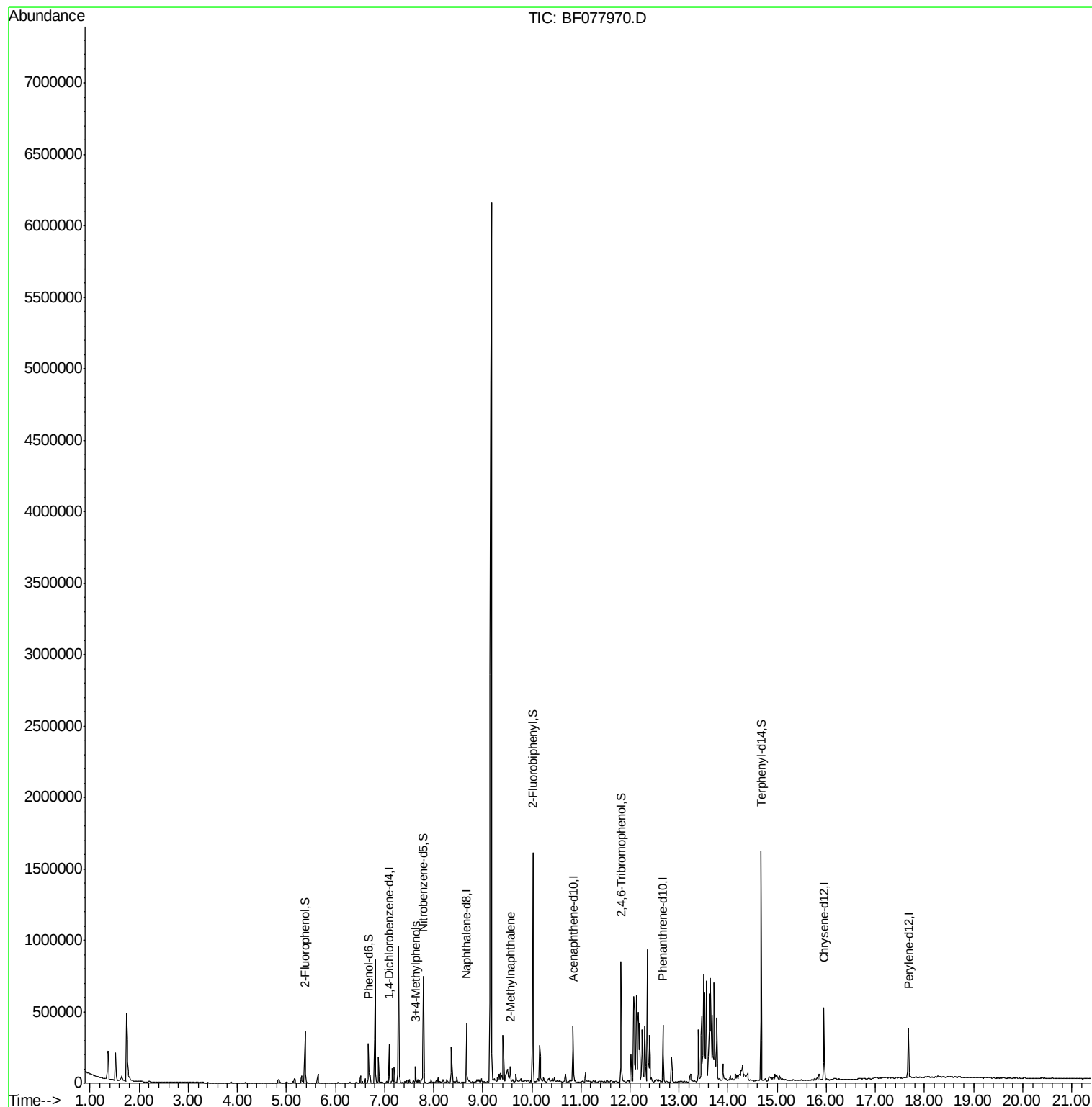
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	42085	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175117	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	89288	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	171120	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	193568	20.00	ng	-0.02
86) Perylene-d12	17.68	264	188413	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	130665	54.19	ng	0.00
7) Phenol-d6	6.67	99	100473	33.73	ng	0.00
23) Nitrobenzene-d5	7.79	82	225992	84.60	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	93354	109.28	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	478708	78.79	ng	0.00
78) Terphenyl-d14	14.67	244	555608	70.11	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.63	107	32322	10.54	ng	85
37) 2-Methylnaphthalene	9.56	142	13929m	2.31	ng	

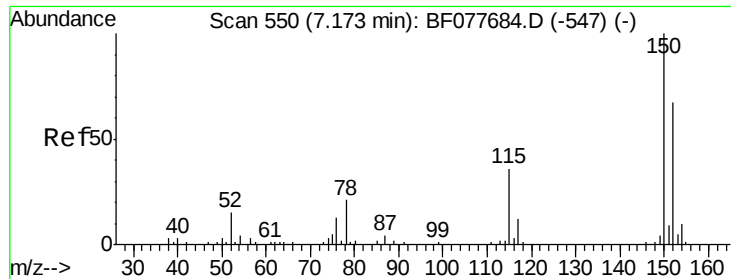
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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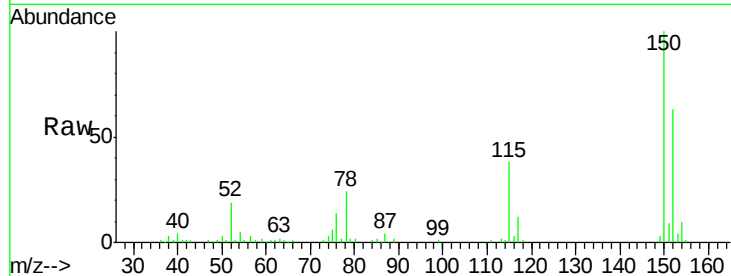


#1

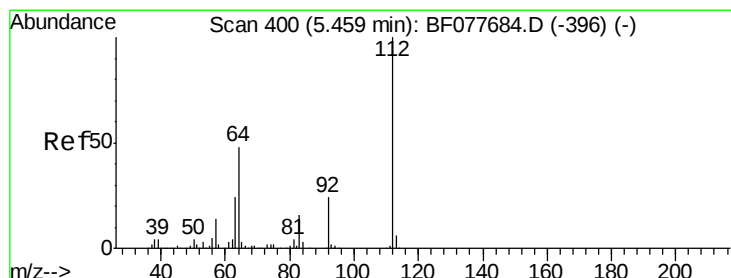
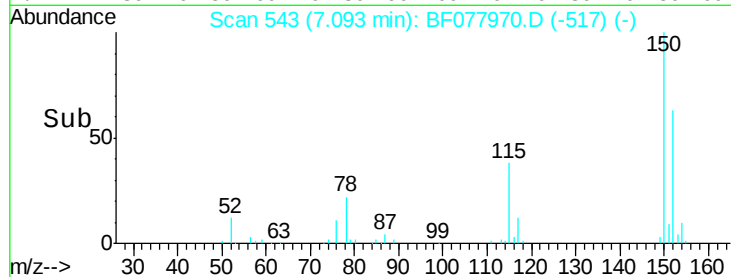
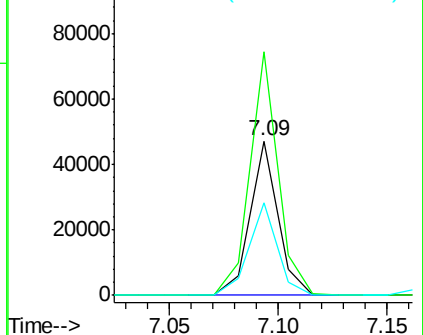
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_F
ClientSampleId :
MW-9-3-23-15

Tot Ion:152 Resp: 42085
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 59.6 43.0 64.4



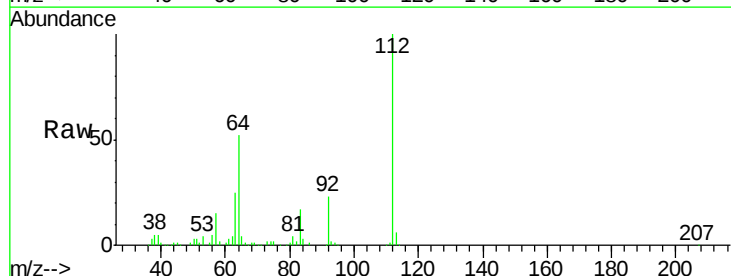
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



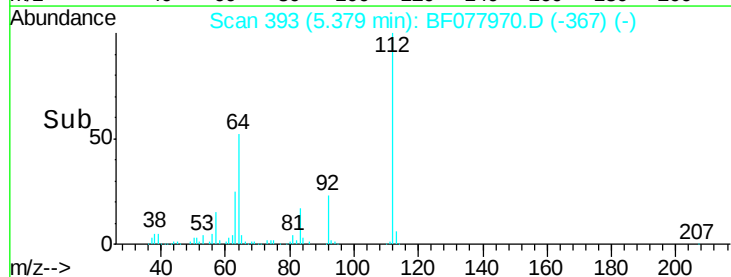
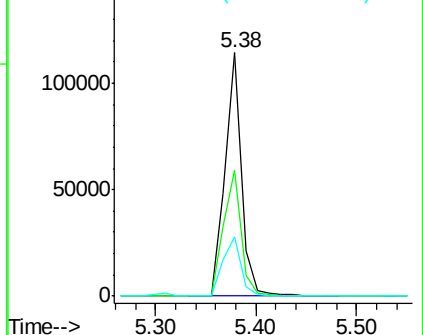
#5

2-Fluorophenol
Concen: 54.19 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:112 Resp: 130665
Ion Ratio Lower Upper
112 100
64 51.8 38.6 57.8
63 24.6 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: 33.73 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

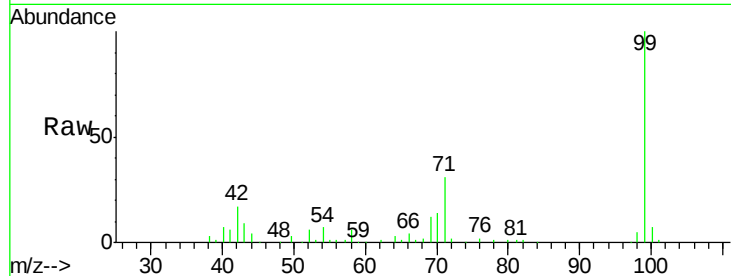
Tot Ion: 99 Resp: 100473

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

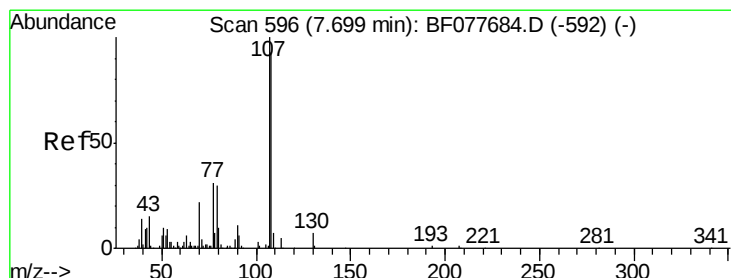
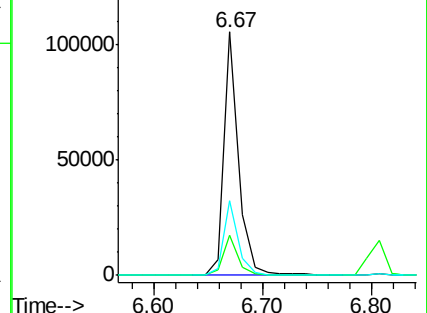
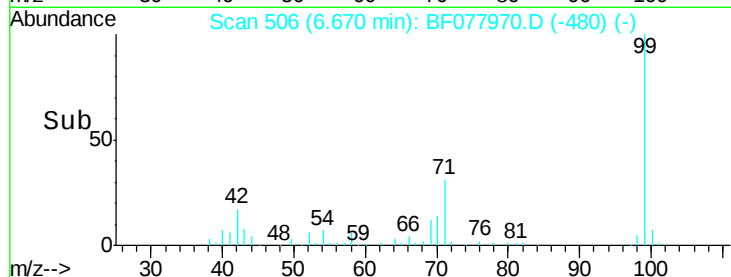
71 30.9 23.4 35.2



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



#20

3+4-Methylphenols

Concen: 10.54 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Tgt Ion:107 Resp: 32322

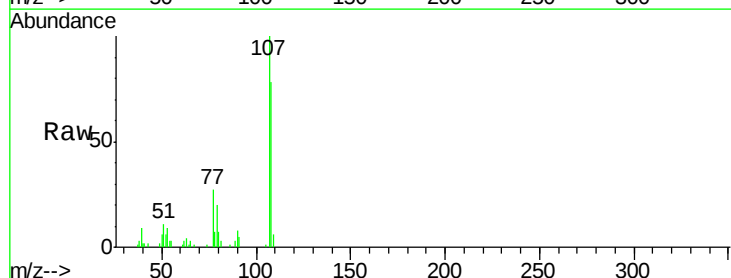
Ion Ratio Lower Upper

107 100

108 77.7 73.2 113.2

77 26.5 10.7 50.7

79 19.9 9.6 49.6

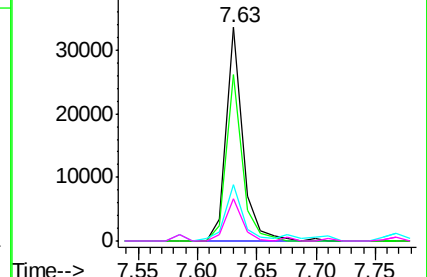
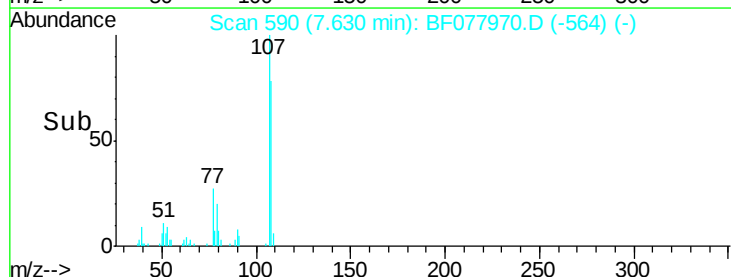


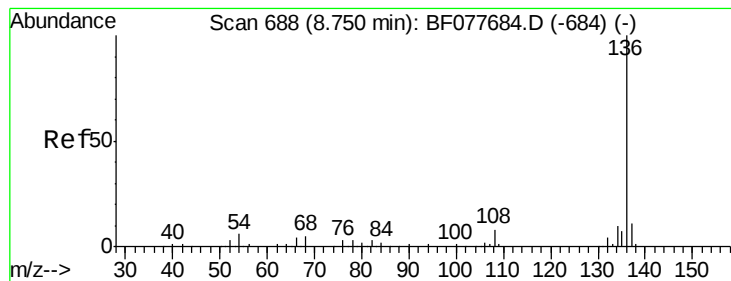
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleId :

MW-9-3-23-15

Tot Ion:136 Resp: 175117

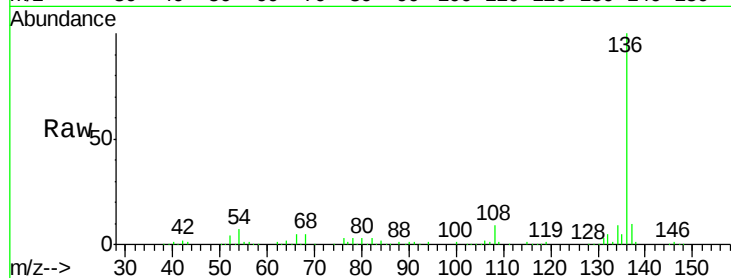
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 7.0 4.6 6.8#

68 5.5 3.7 5.5

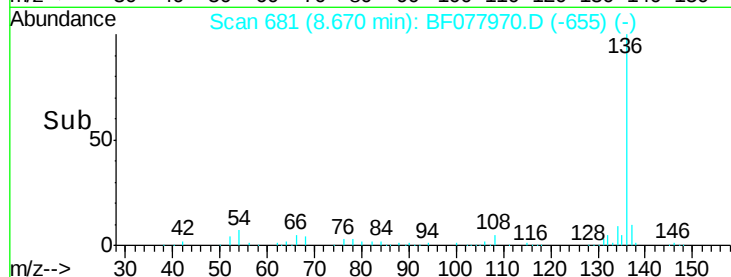


Abundance Ion 136.00 (135.70 to 136.70): E

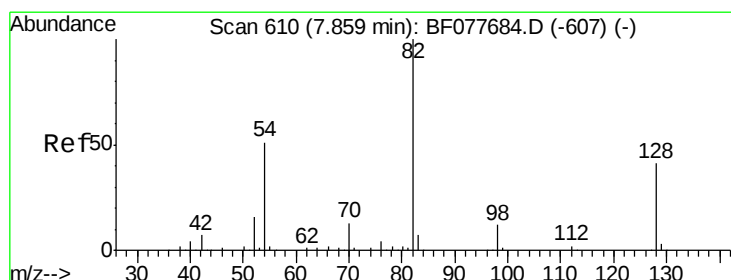
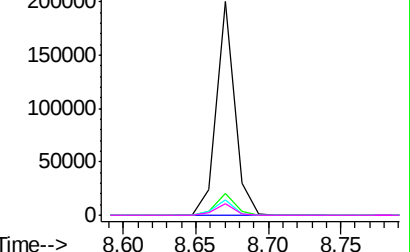
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 84.60 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

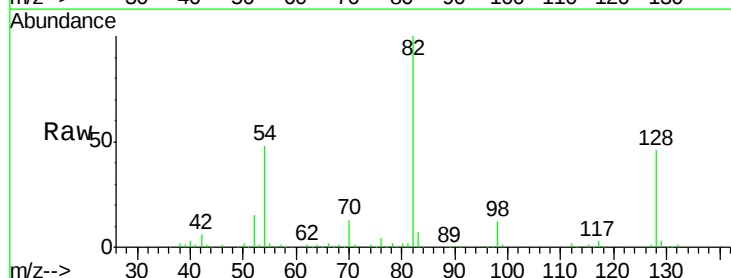
Tgt Ion: 82 Resp: 225992

Ion Ratio Lower Upper

82 100

128 45.6 32.8 49.2

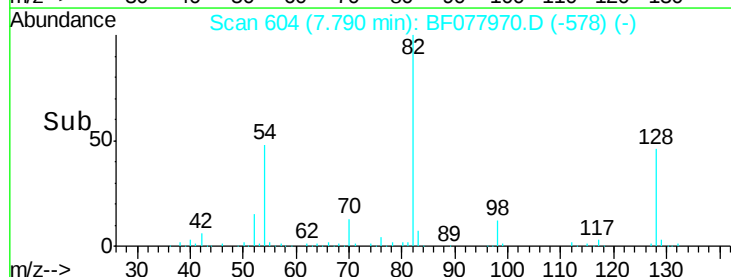
54 47.7 40.6 60.8



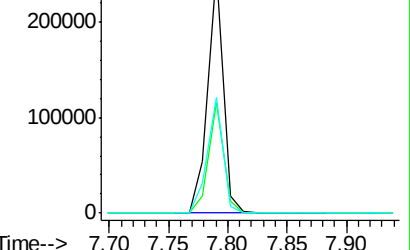
Abundance Ion 82.00 (81.70 to 82.70): BF0

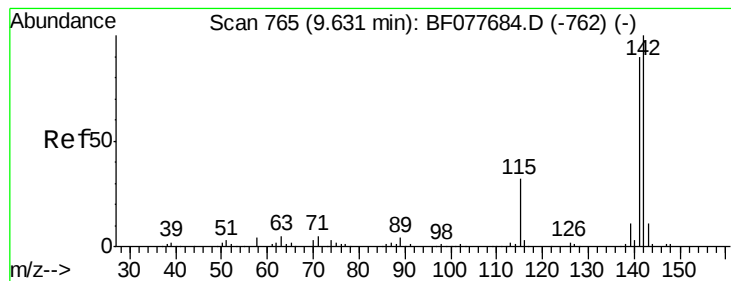
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#37

2-Methylnaphthalene

Concen: 2.31 ng/mL

RT: 9.56 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

Instrument :

BNA_F

ClientSampleID :

MW-9-3-23-15

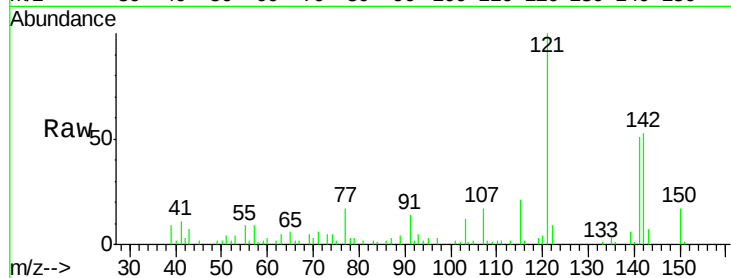
Tot Ion:142 Resp: 13929

Ion Ratio Lower Upper

142 100

141 95.8 71.9 107.9

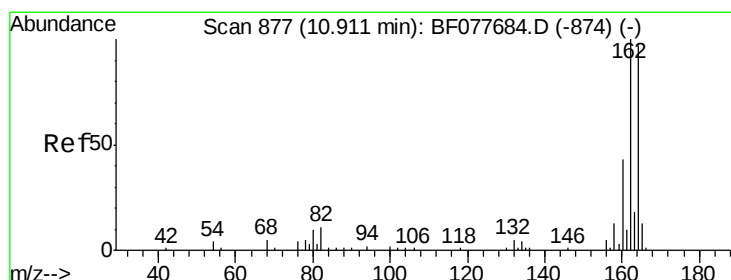
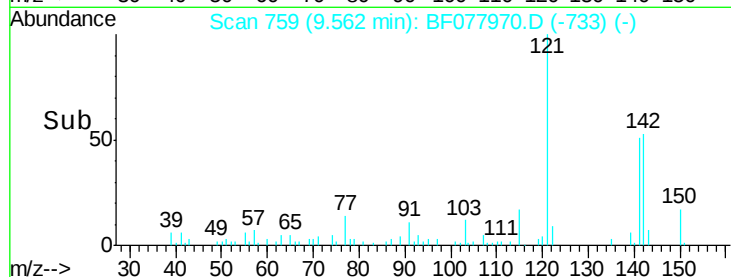
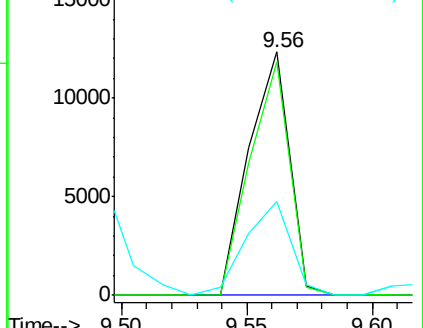
115 38.5 25.4 38.0#



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/mL

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077970.D

Acq: 26 Mar 2015 00:10

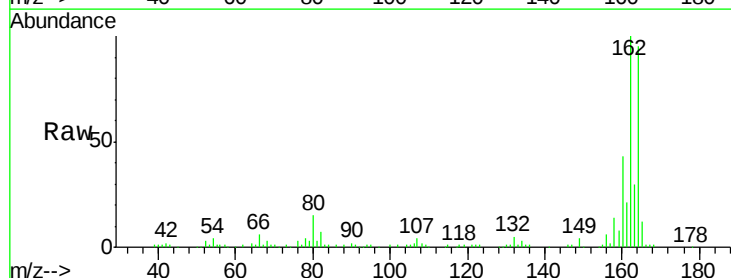
Tgt Ion:164 Resp: 89288

Ion Ratio Lower Upper

164 100

162 104.7 82.4 123.6

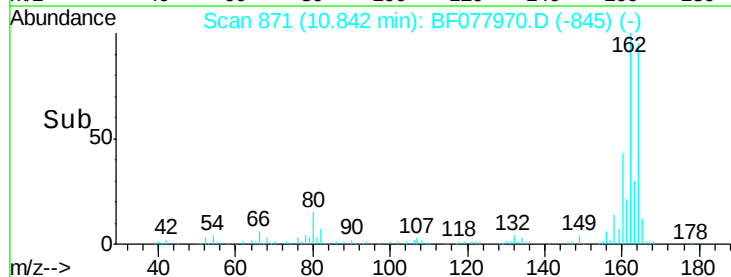
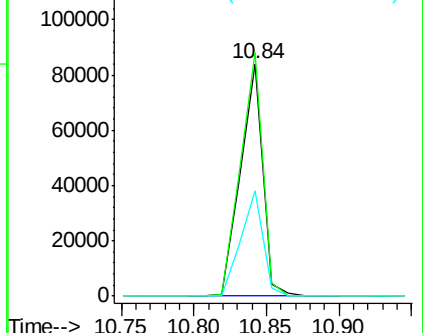
160 45.2 35.8 53.6



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

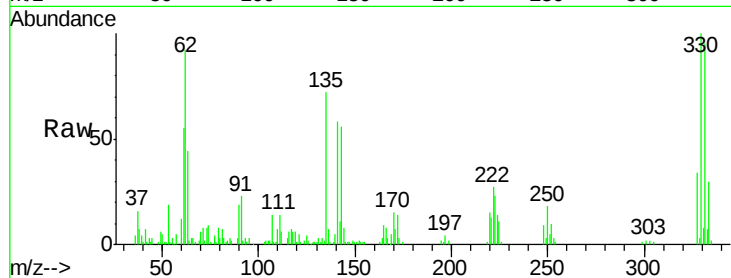




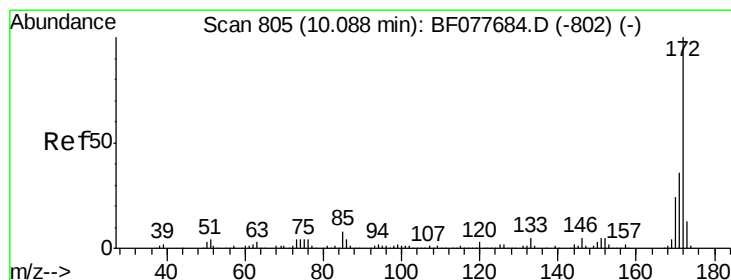
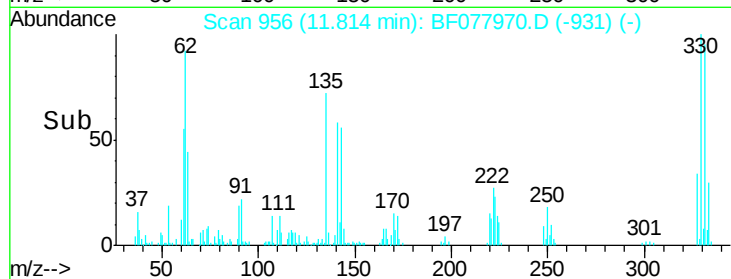
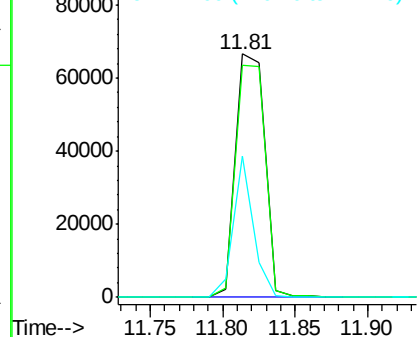
#41
 2,4,6-Tribromophenol
 Concen: 109.28 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-23-15

Tot Ion:330 Resp: 93354
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 39.5 0.0 0.0#

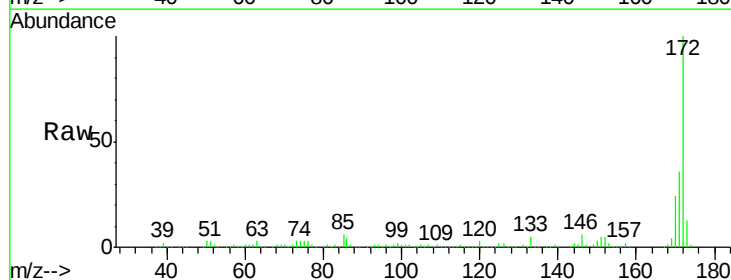


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

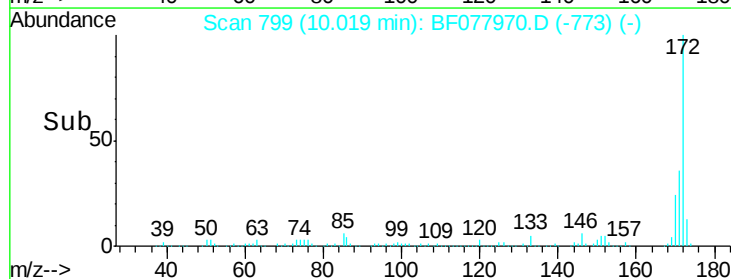
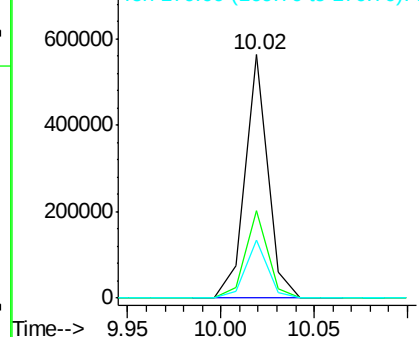


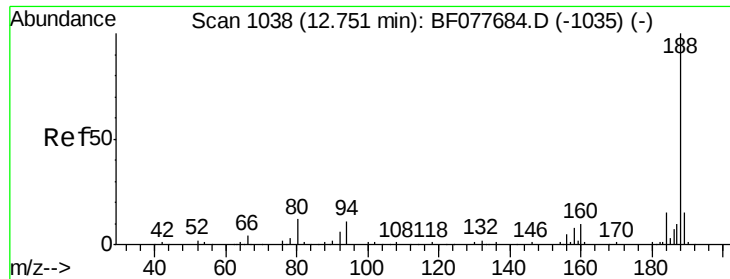
#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Tgt Ion:172 Resp: 478708
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 23.6 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

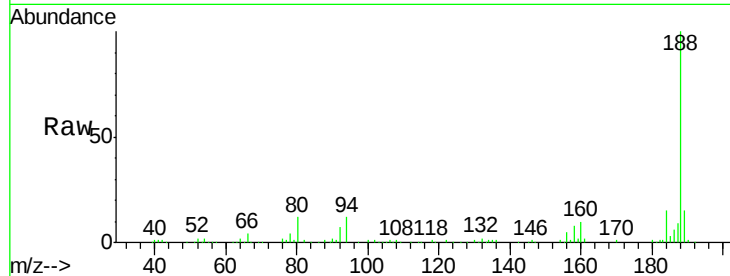




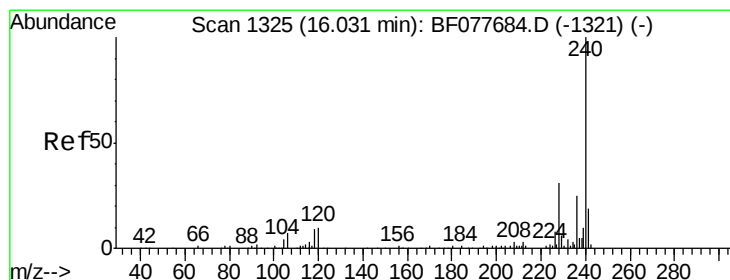
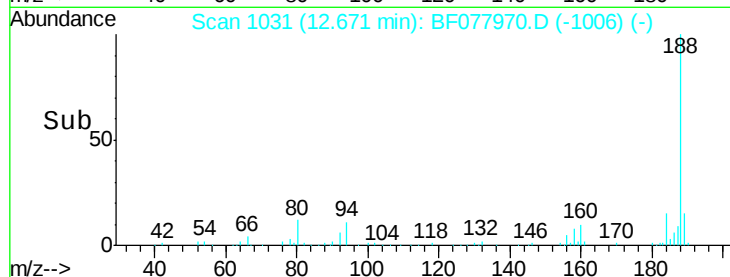
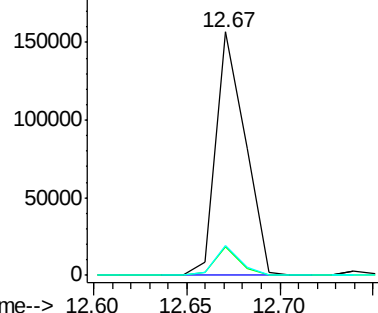
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Instrument :
BNA_F
ClientSampleId :
MW-9-3-23-15

Tot Ion:188 Resp: 171120
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 12.4 9.3 13.9

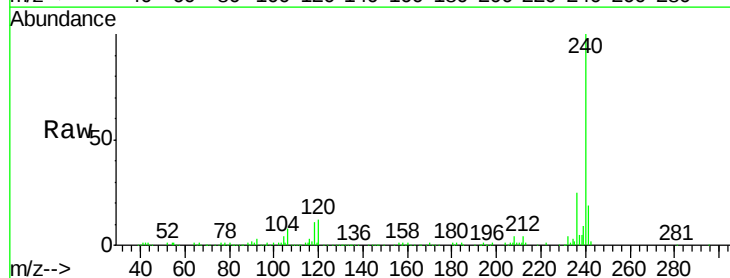


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

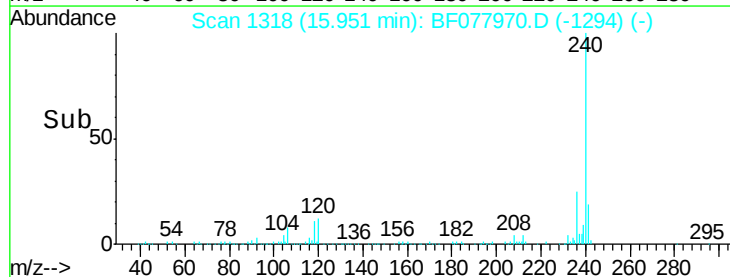
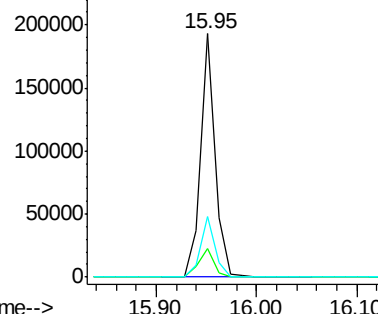


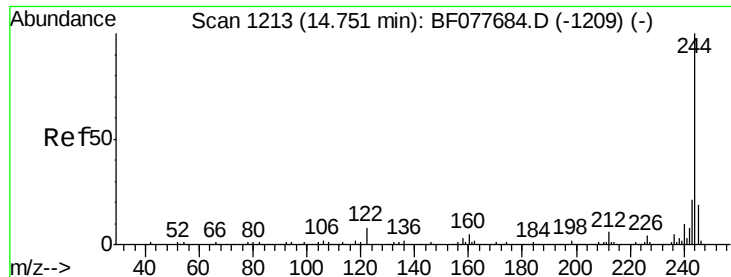
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077970.D
Acq: 26 Mar 2015 00:10

Tgt Ion:240 Resp: 193568
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 24.8 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

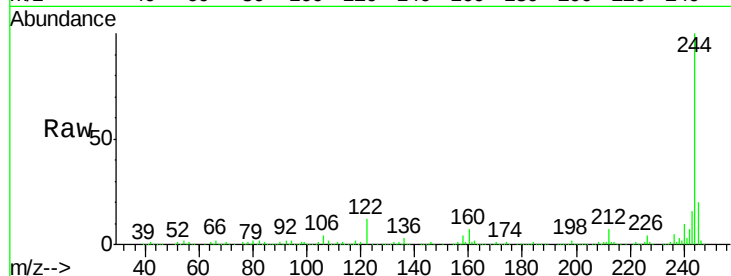




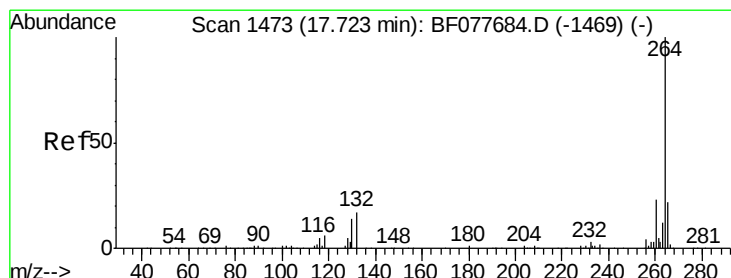
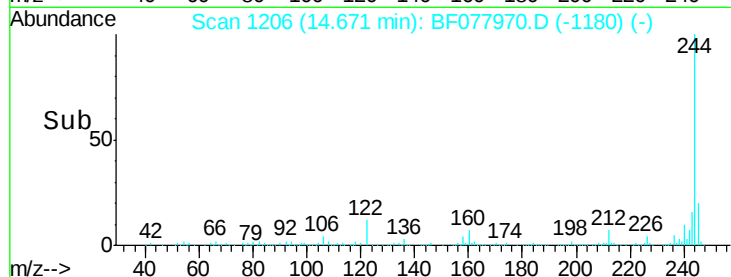
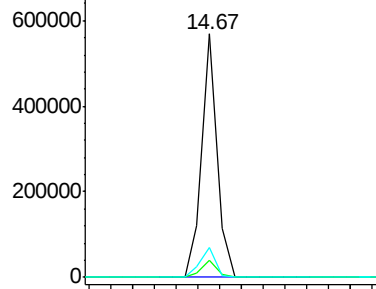
#78
 Terphenyl-d14
 Concen: 70.11 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-23-15

Tot Ion:244 Resp: 555608
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 12.0 6.2 9.4#

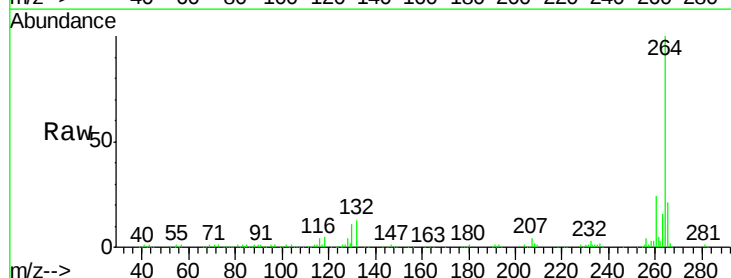


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.07 min
 Lab File: BF077970.D
 Acq: 26 Mar 2015 00:10

Tgt Ion:264 Resp: 188413
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 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

