

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077971.D
 Acq On : 26 Mar 2015 00:39
 Operator : TP/IZ
 Sample : G1643-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-3-23-15

Quant Time: Mar 26 03:03:22 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

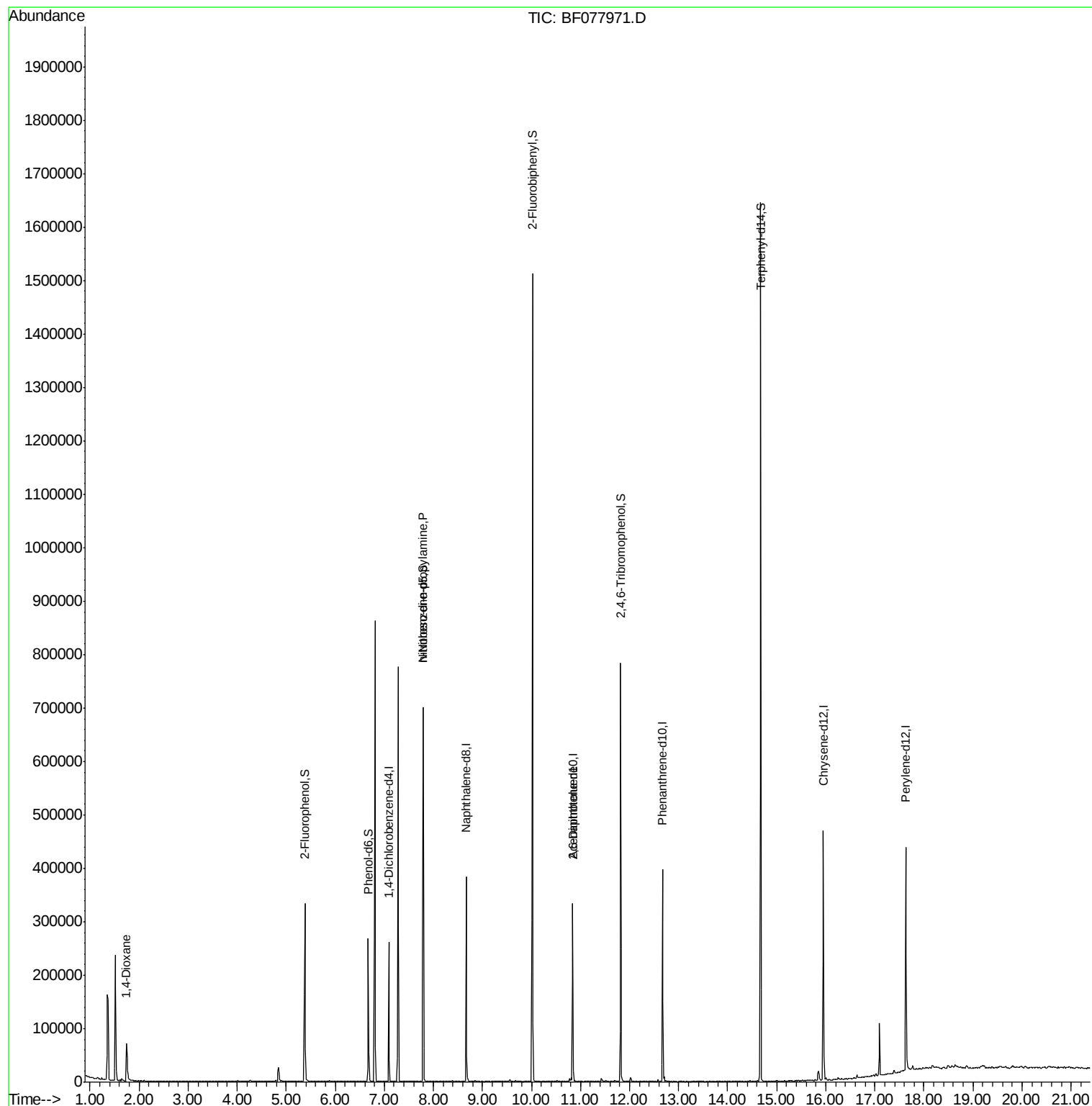
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	40666	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168000	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	83699	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	163877	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	201258	20.00	ng	-0.02
86) Perylene-d12	17.63	264	192514	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	122408	52.54	ng	0.00
7) Phenol-d6	6.67	99	97012	33.70	ng	0.00
23) Nitrobenzene-d5	7.79	82	214831	83.82	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	94876	118.47	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	473833	83.20	ng	0.00
78) Terphenyl-d14	14.67	244	587451	71.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	2678	2.53	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	27830	13.98	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	10513	8.17	ng	# 24

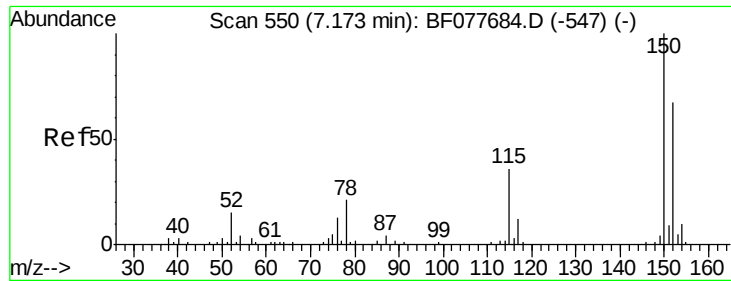
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 00:45:24 2015
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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: BF077971.D

Acq: 26 Mar 2015 00:39

Instrument :

BNA_F

ClientSampleId :

MW-12-3-23-15

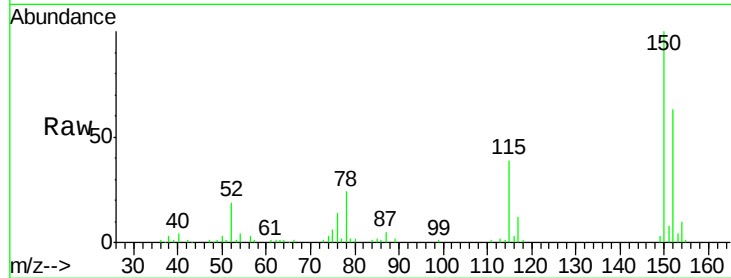
Tgt Ion:152 Resp: 40666

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

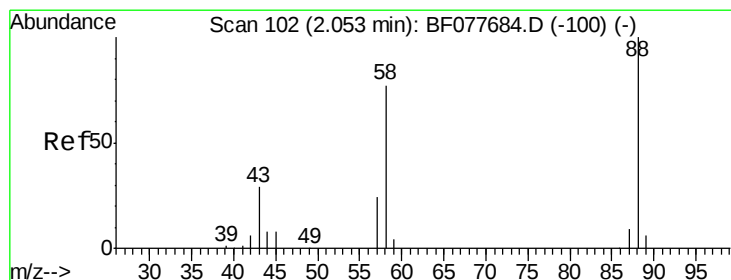
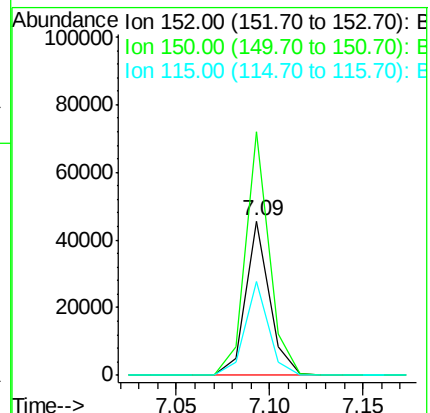
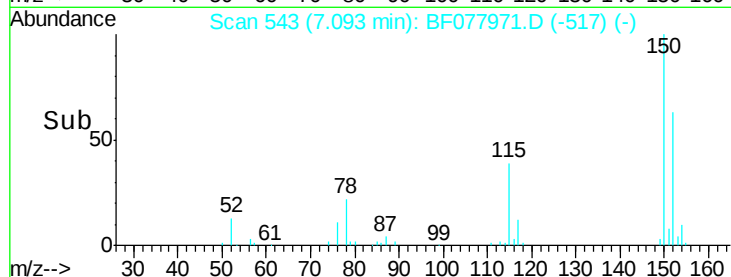
115 60.8 43.0 64.4



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



#2

1,4-Dioxane

Concen: 2.53 ng

RT: 1.74 min Scan# 75

Delta R.T. -0.19 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

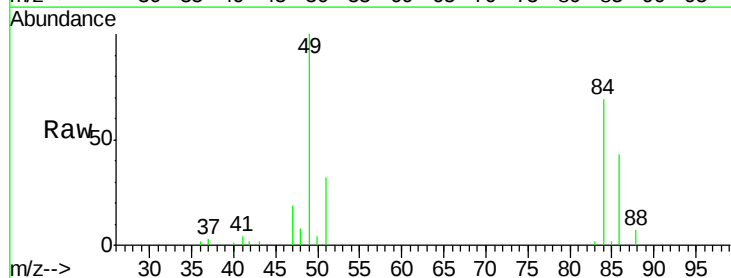
Tgt Ion: 88 Resp: 2678

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

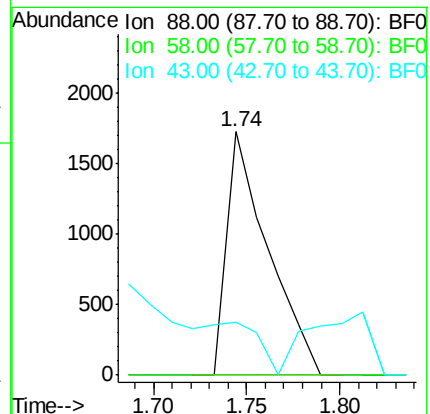
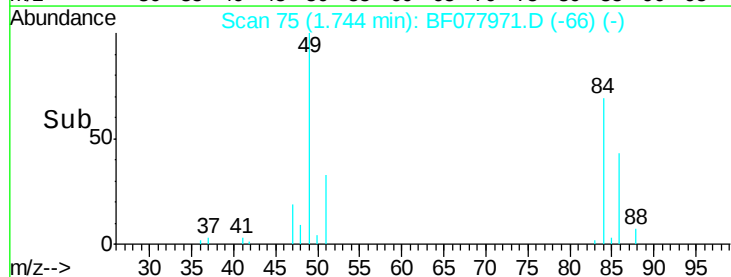
43 0.0 0.0 0.0

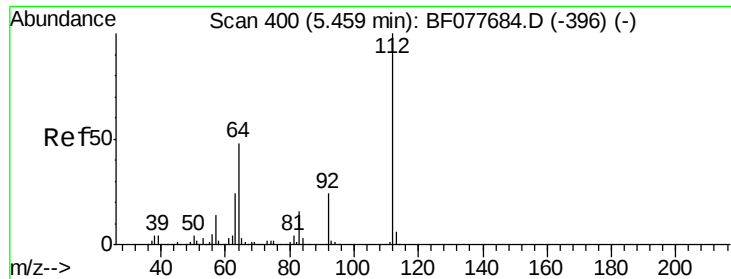


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.54 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

Instrument :

BNA_F

ClientSampleId :

MW-12-3-23-15

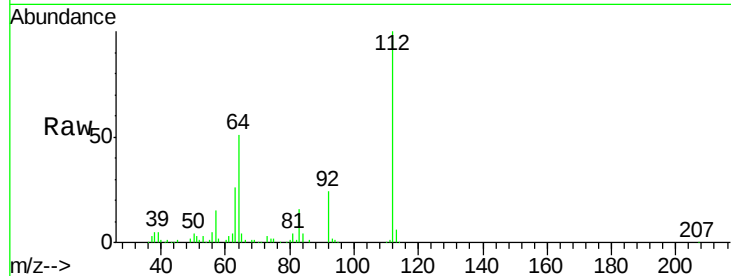
Tgt Ion: 112 Resp: 122408

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

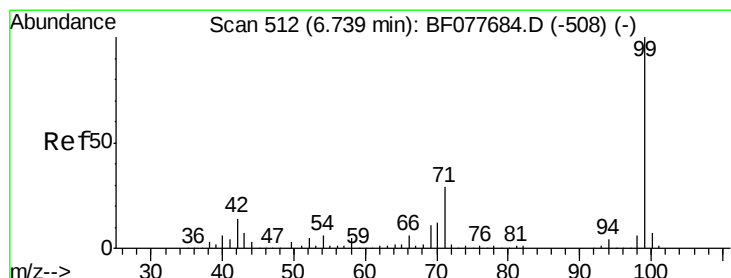
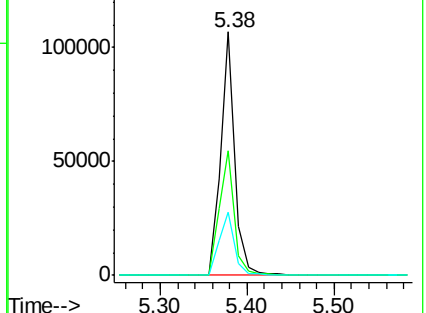
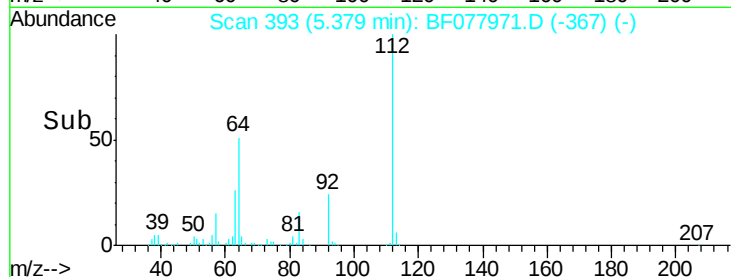
63 25.9 19.3 28.9



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: 33.70 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

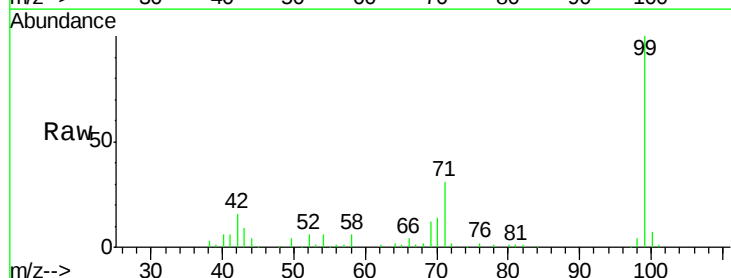
Tgt Ion: 99 Resp: 97012

Ion Ratio Lower Upper

99 100

42 16.5 11.0 16.4#

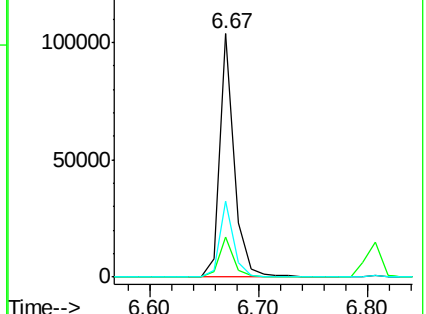
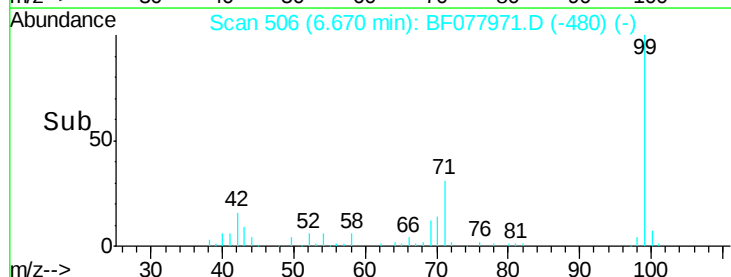
71 30.9 23.4 35.2

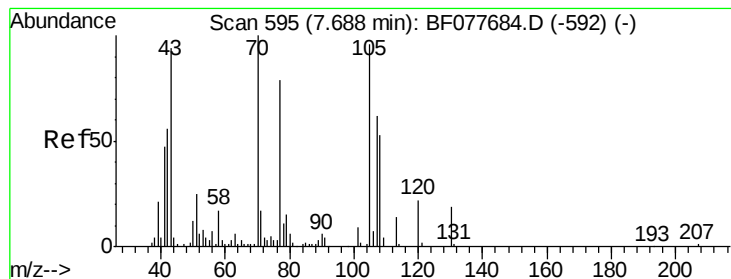


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.98 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

Instrument :

BNA_F

ClientSampleId :

MW-12-3-23-15

Tgt Ion: 70 Resp: 27830

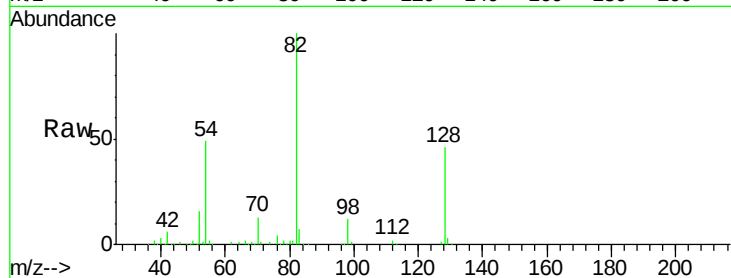
Ion Ratio Lower Upper

70 100

42 45.5 44.5 66.7

101 0.0 7.4 11.2#

130 2.3 15.3 22.9#

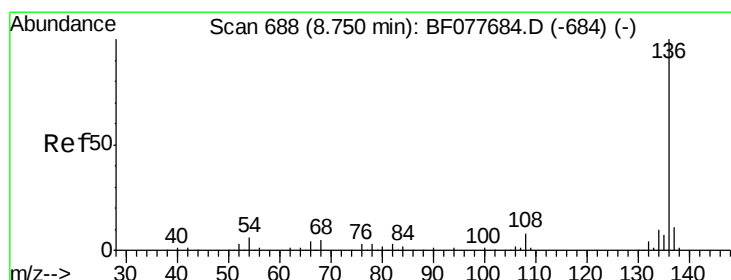
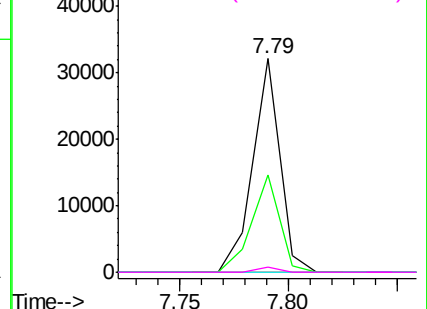
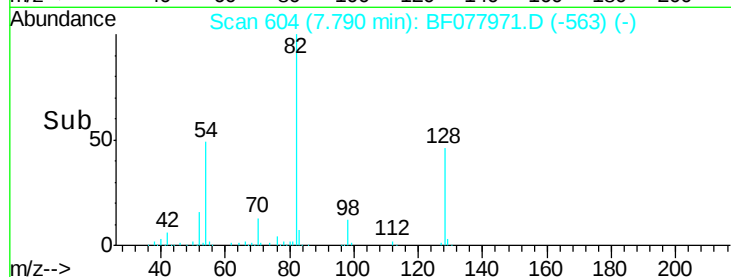


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

Tgt Ion: 136 Resp: 168000

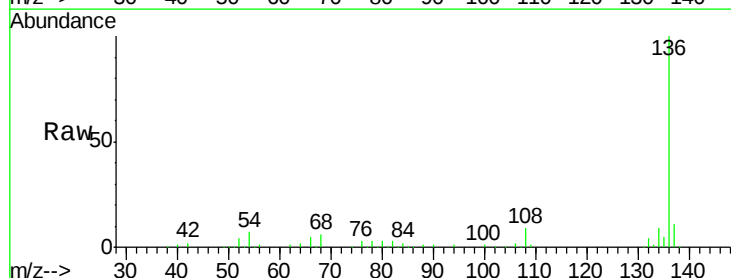
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.1 4.6 6.8#

68 5.6 3.7 5.5#

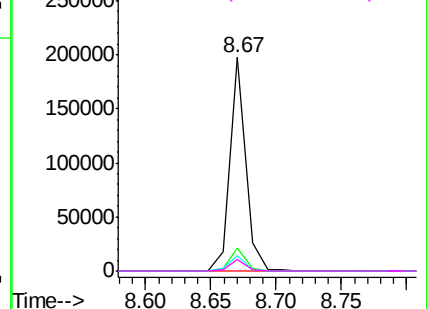
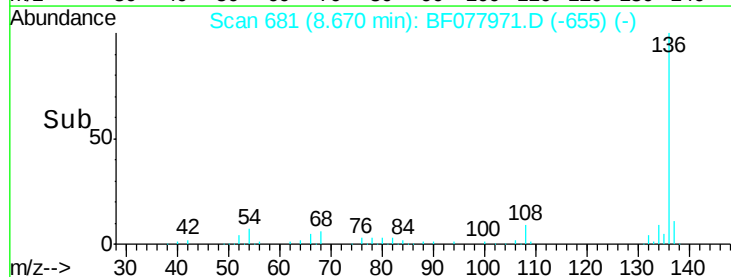


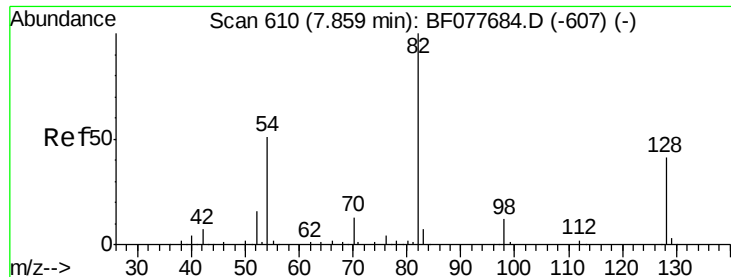
Abundance Ion 136.00 (135.70 to 136.70): E

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

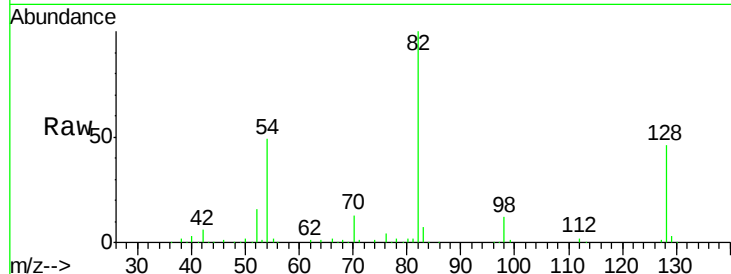




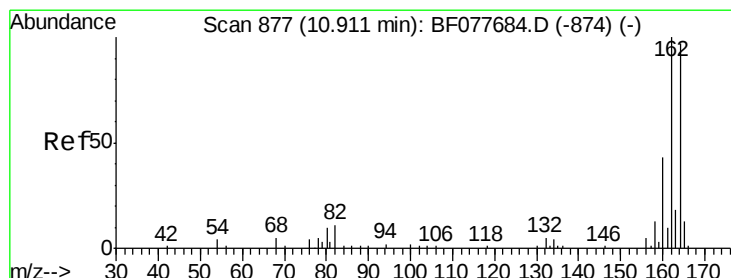
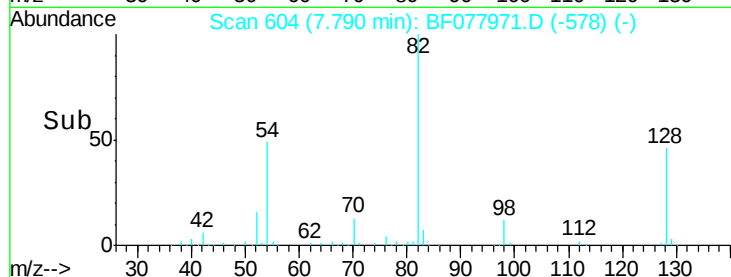
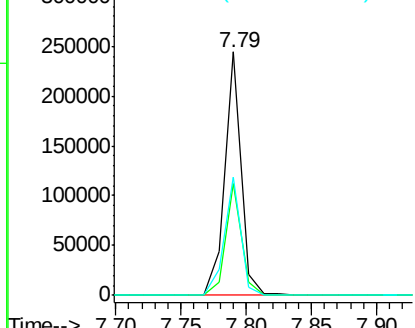
#23
 Nitrobenzene-d5
 Concen: 83.82 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-3-23-15

Tgt Ion: 82 Resp: 214831
 Ion Ratio Lower Upper
 82 100
 128 45.8 32.8 49.2
 54 48.7 40.6 60.8

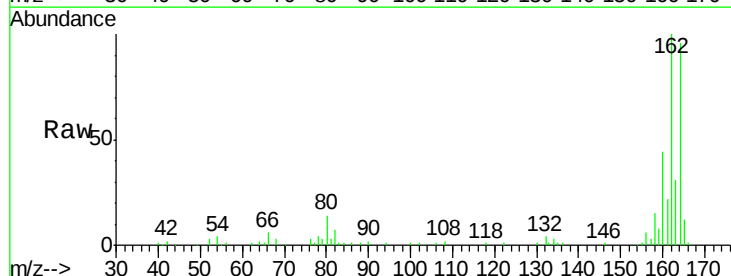


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

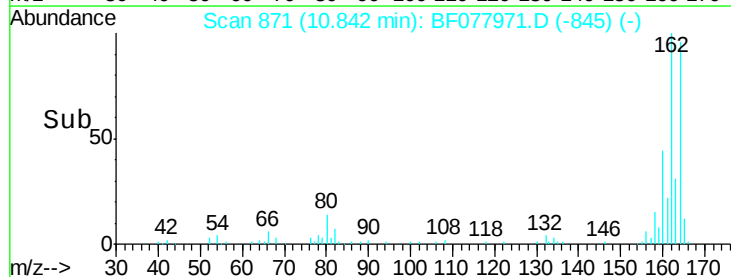
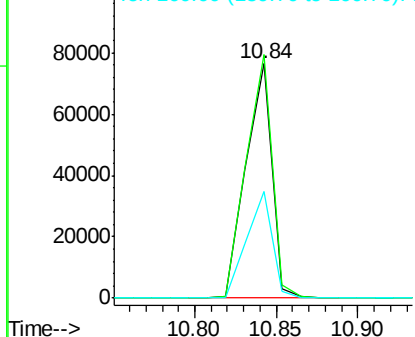


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Tgt Ion: 164 Resp: 83699
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 45.3 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

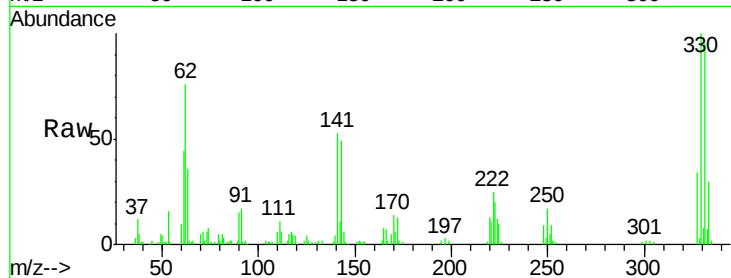




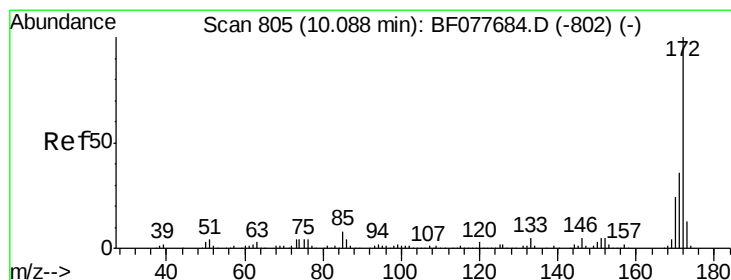
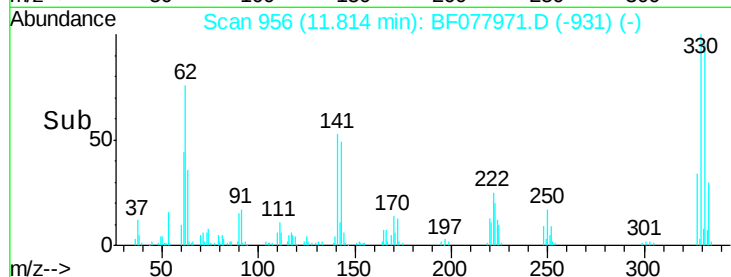
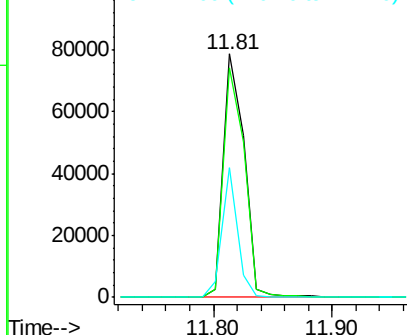
#41
 2,4,6-Tribromophenol
 Concen: 118.47 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-3-23-15

Tgt Ion:330 Resp: 94876
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 39.9 0.0 0.0#

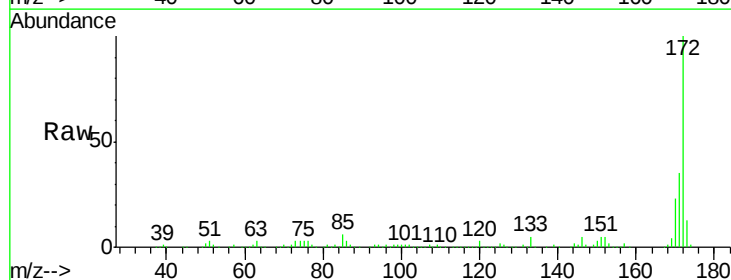


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

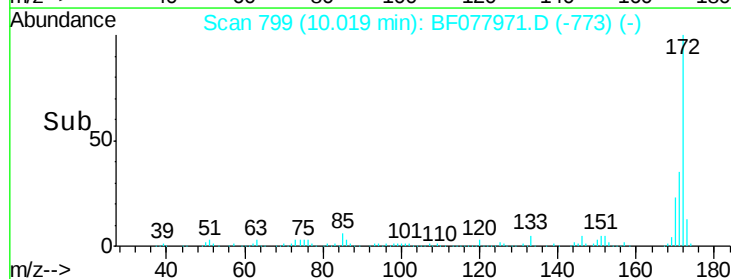
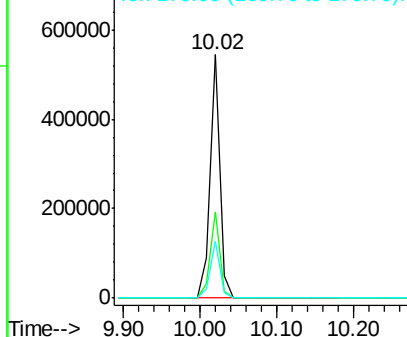


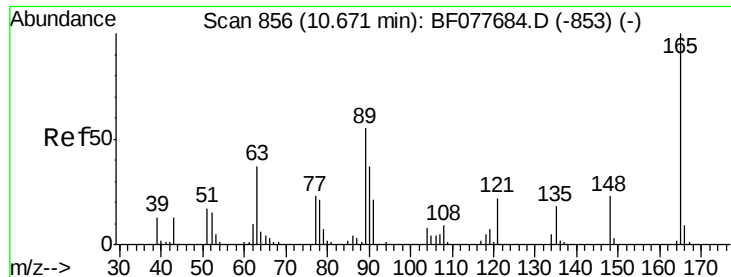
#44
 2-Fluorobiphenyl
 Concen: 83.20 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Tgt Ion:172 Resp: 473833
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.4 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

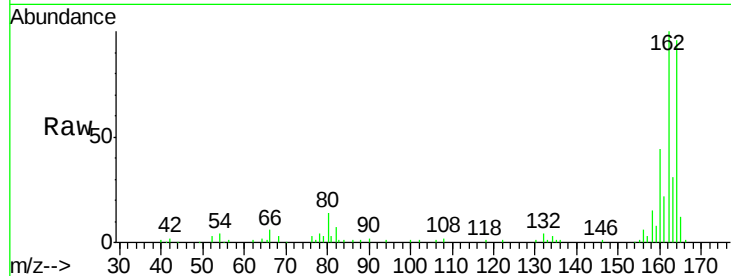




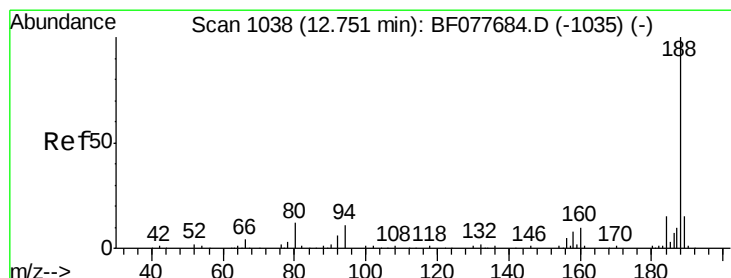
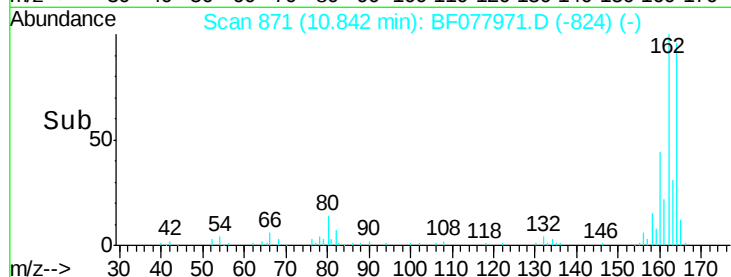
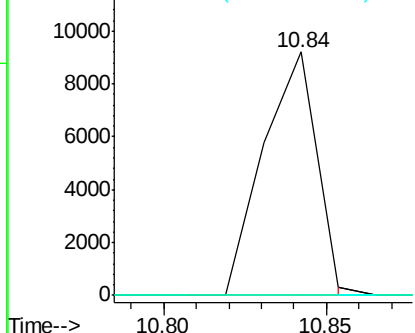
#50
 2,6-Dinitrotoluene
 Concen: 8.17 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-12-3-23-15

Tgt Ion:165 Resp: 10513
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

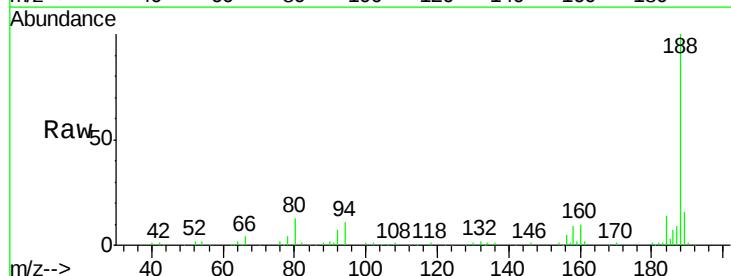


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

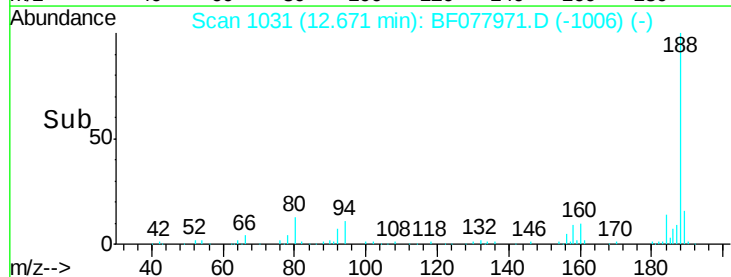
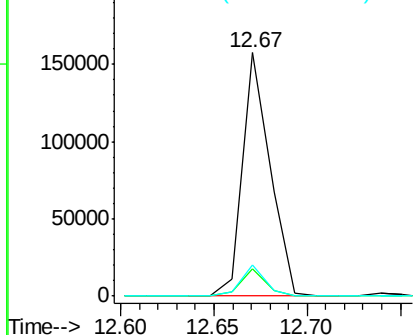


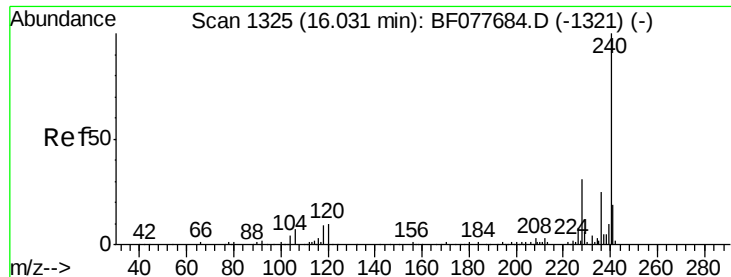
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077971.D
 Acq: 26 Mar 2015 00:39

Tgt Ion:188 Resp: 163877
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.7 13.1
 80 13.0 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: BF077971.D

Acq: 26 Mar 2015 00:39

Instrument :

BNA_F

ClientSampleId :

MW-12-3-23-15

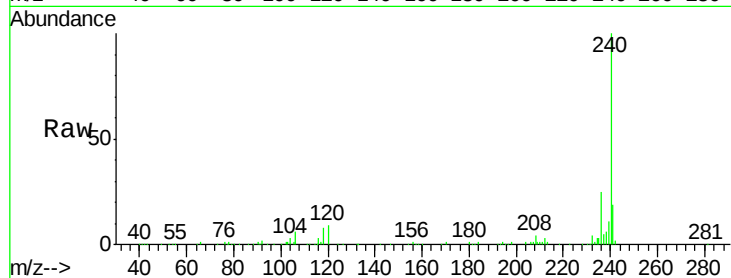
Tgt Ion:240 Resp: 201258

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

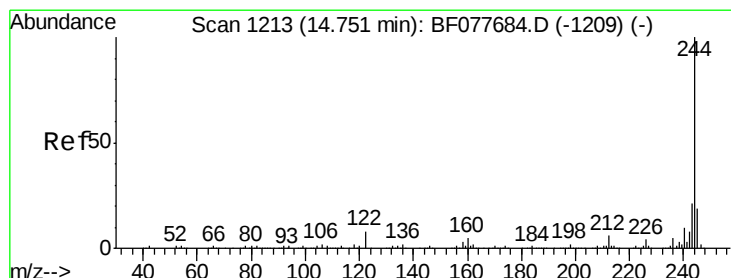
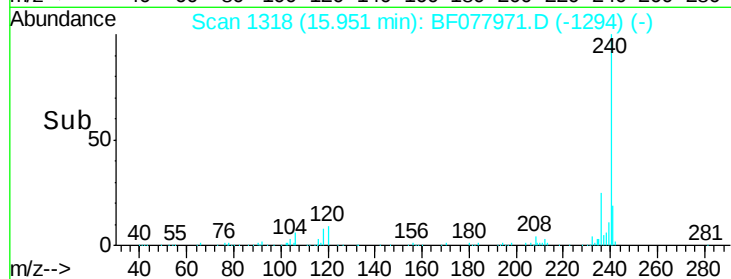
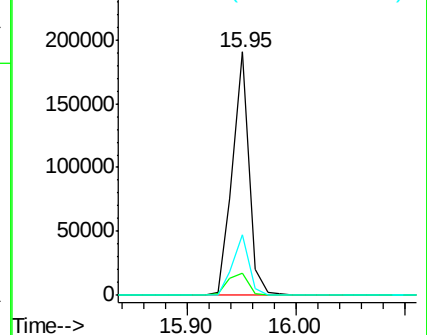
236 24.9 20.0 30.0



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: 71.30 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077971.D

Acq: 26 Mar 2015 00:39

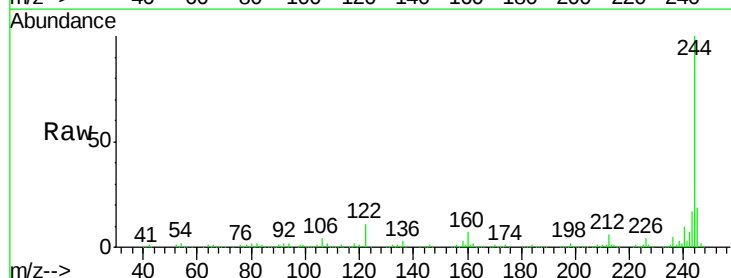
Tgt Ion:244 Resp: 587451

Ion Ratio Lower Upper

244 100

212 6.5 4.9 7.3

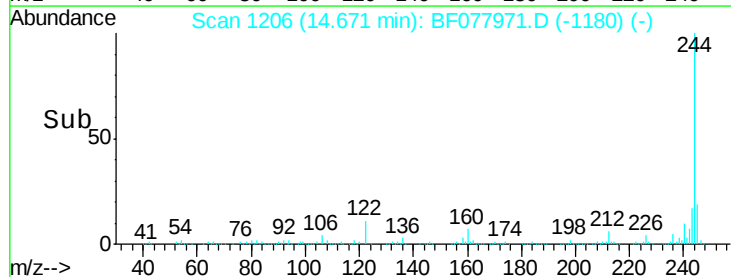
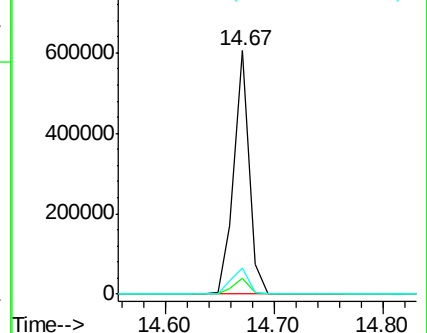
122 10.7 6.2 9.4#

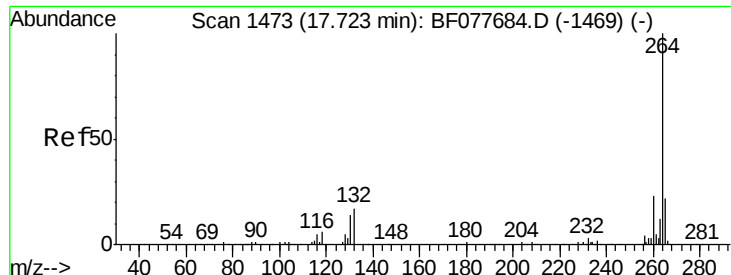


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF077971.D
Acq: 26 Mar 2015 00:39

Instrument :
BNA_F
ClientSampleId :
MW-12-3-23-15

Tgt Ion:	264	Resp:	192514
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.5	17.3	25.9

