

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077977.D
 Acq On : 26 Mar 2015 5:00
 Operator : TP/IZ
 Sample : G1643-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-3-23-15

Quant Time: Mar 26 04:57:39 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

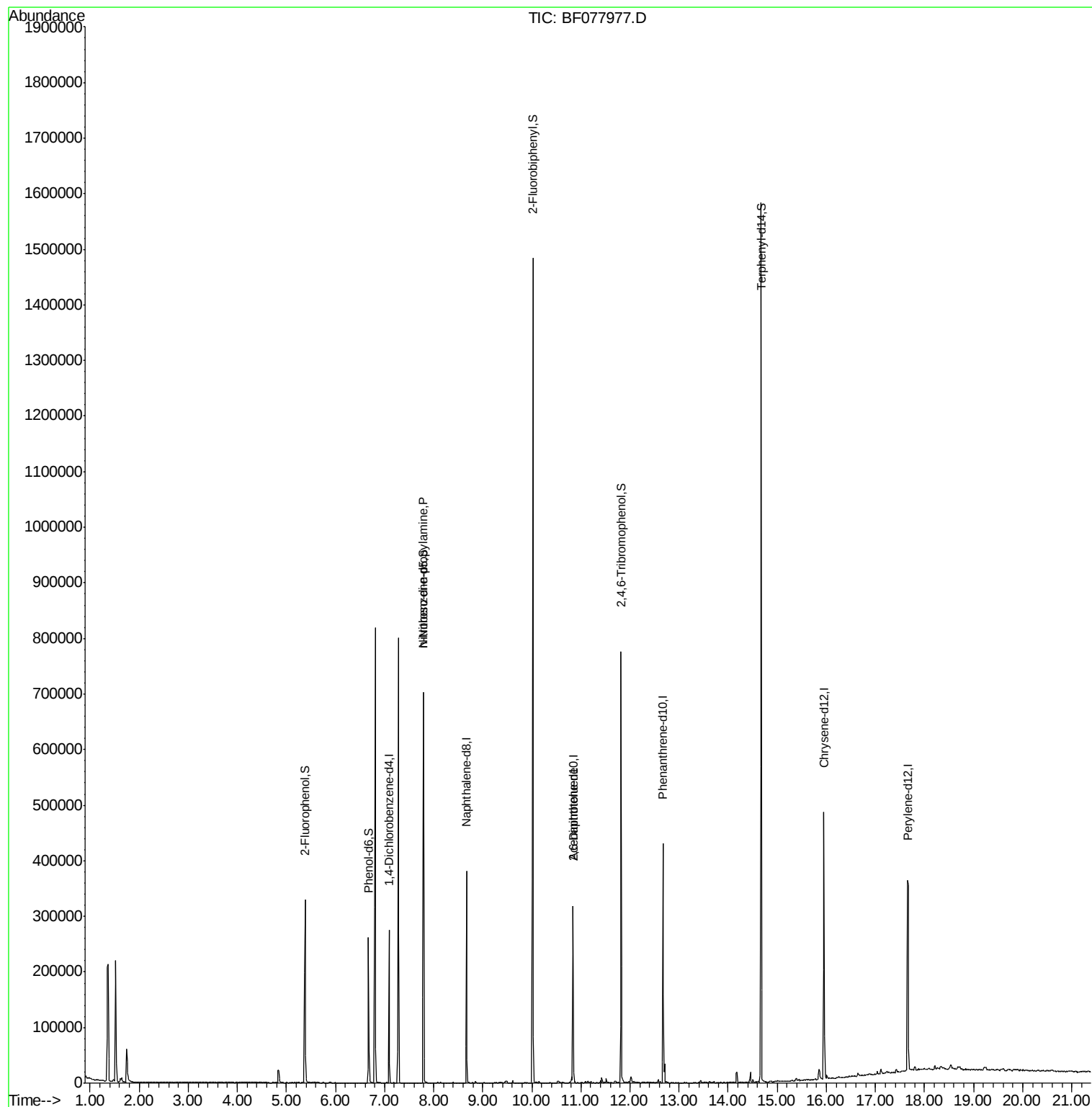
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	43492	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175309	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	85618	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	179677	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	202545	20.00	ng	-0.02
86) Perylene-d12	17.67	264	195808	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	128108	51.42	ng	0.00
7) Phenol-d6	6.67	99	98952	32.14	ng	0.00
23) Nitrobenzene-d5	7.79	82	218916	81.86	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	91954	112.25	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	478298	82.10	ng	0.00
78) Terphenyl-d14	14.67	244	571844	68.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.79	70	26945	12.65	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	10718	8.14	ng	# 24

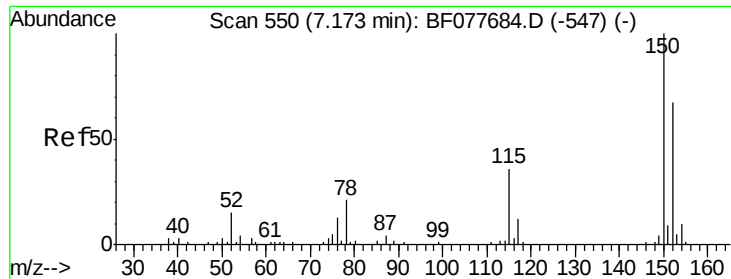
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077977.D

Acq: 26 Mar 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-5-3-23-15

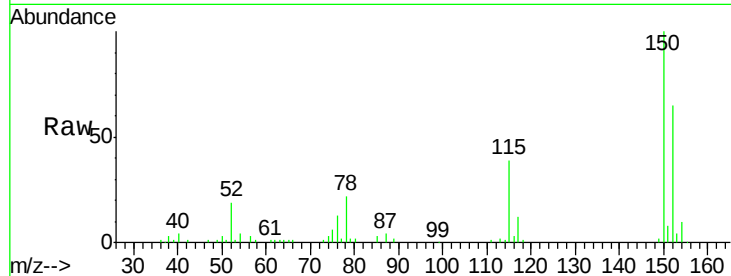
Tgt Ion:152 Resp: 43492

Ion Ratio Lower Upper

152 100

150 153.7 119.5 179.3

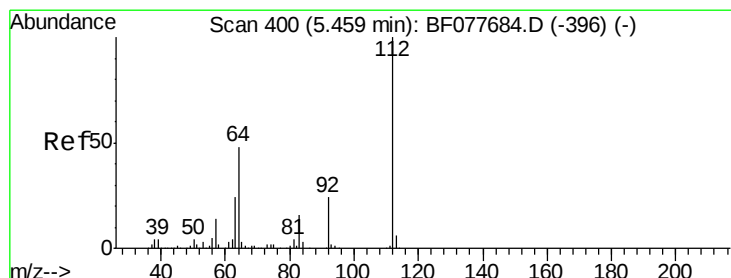
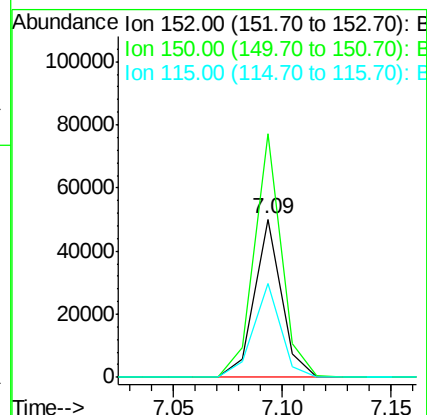
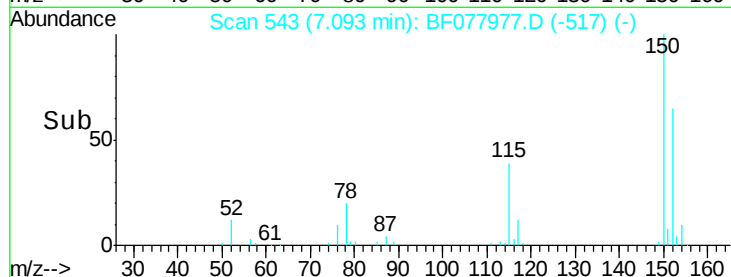
115 59.3 43.0 64.4



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: 51.42 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077977.D

Acq: 26 Mar 2015 5:00

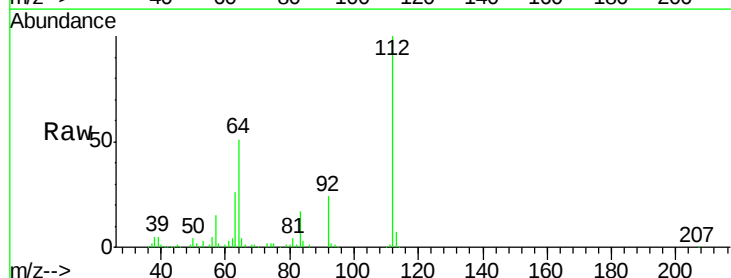
Tgt Ion:112 Resp: 128108

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

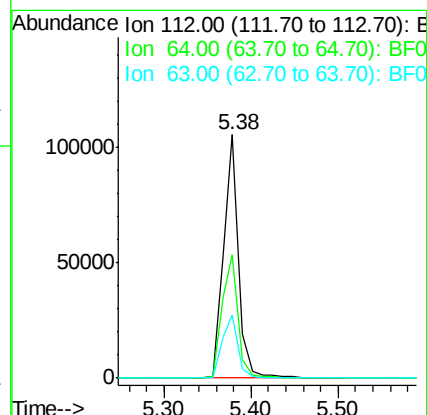
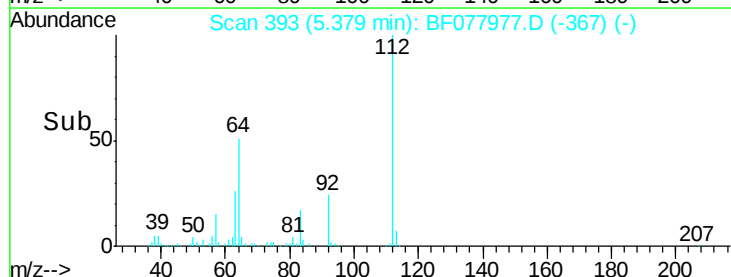
63 26.0 19.3 28.9

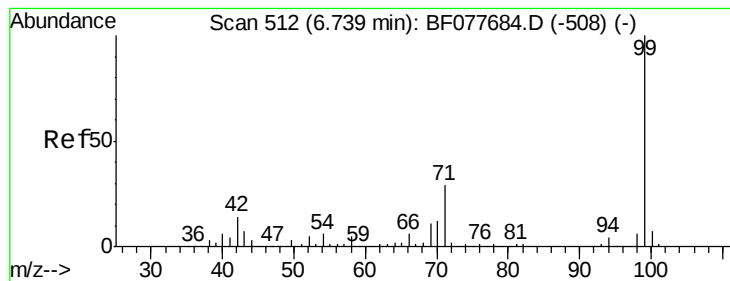


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.14 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077977.D

Acq: 26 Mar 2015 5:00

Instrument :

BNA_F

ClientSampleId :

MW-5-3-23-15

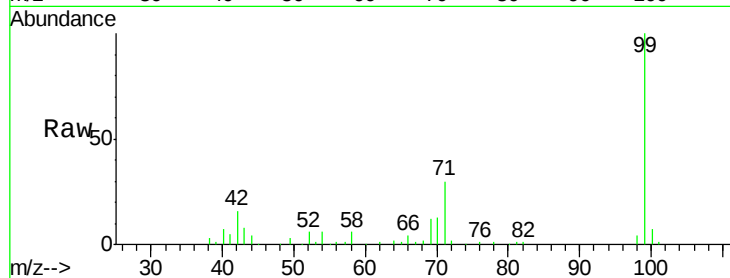
Tgt Ion: 99 Resp: 98952

Ion Ratio Lower Upper

99 100

42 16.3 11.0 16.4

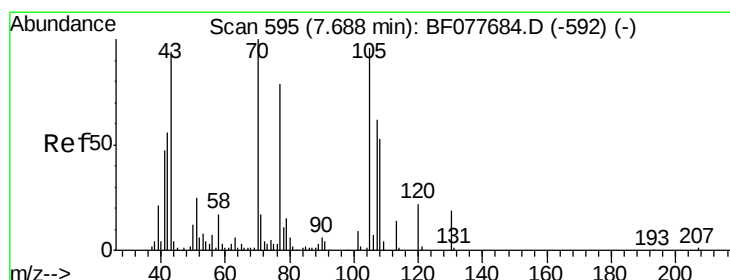
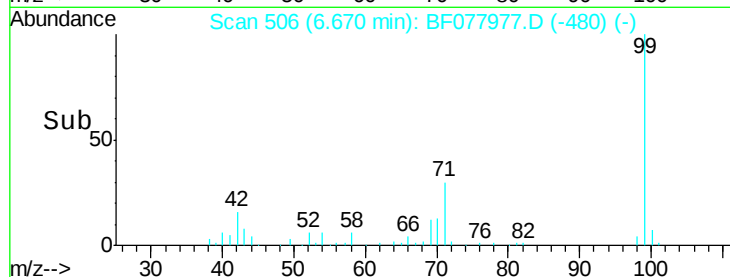
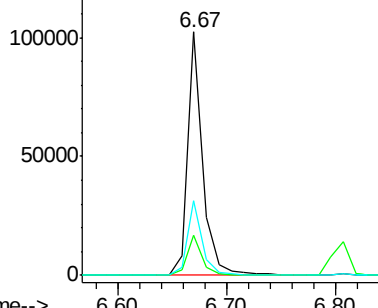
71 30.5 23.4 35.2



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: 12.65 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077977.D

Acq: 26 Mar 2015 5:00

Tgt Ion: 70 Resp: 26945

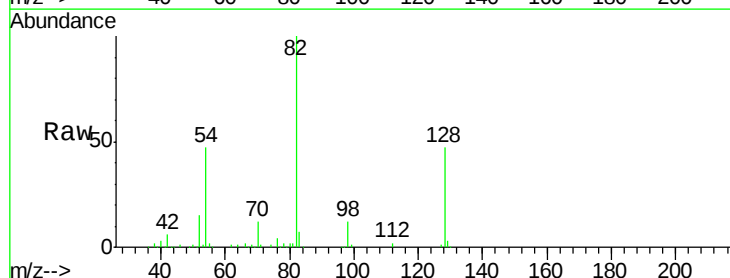
Ion Ratio Lower Upper

70 100

42 45.3 44.5 66.7

101 0.0 7.4 11.2#

130 2.1 15.3 22.9#

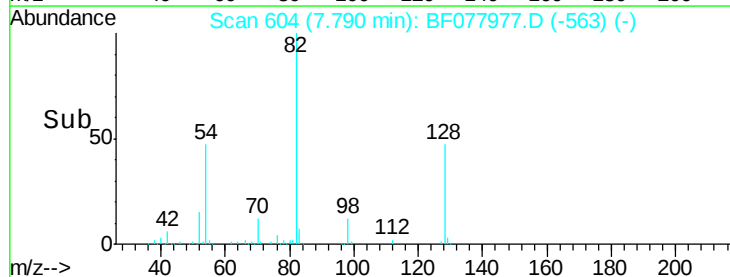
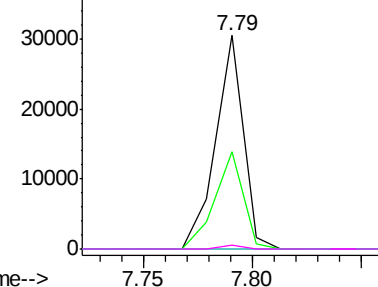


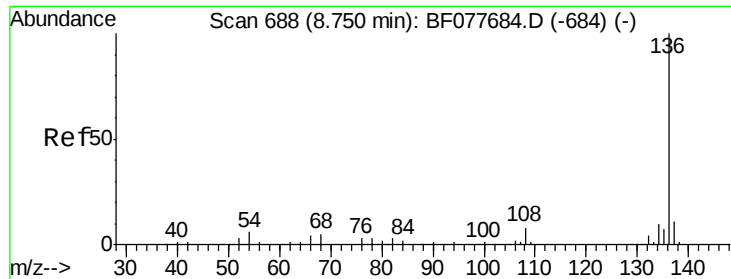
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

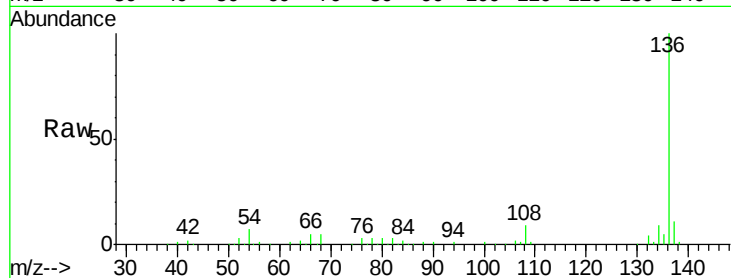




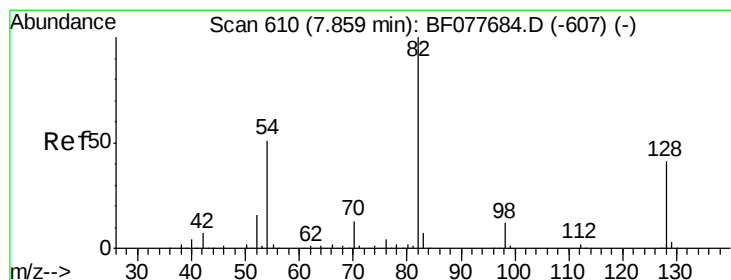
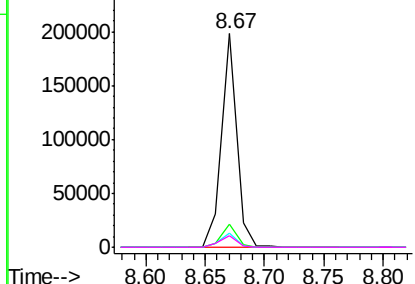
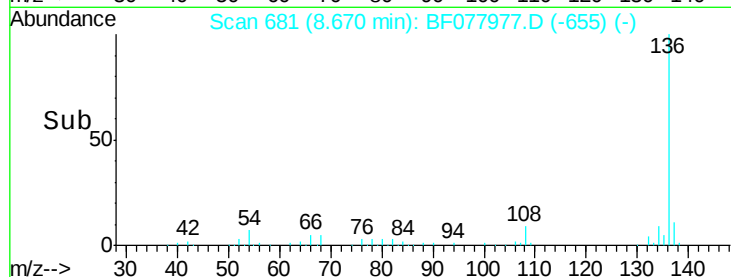
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077977.D
Acq: 26 Mar 2015 5:00

Instrument :
BNA_F
ClientSampleId :
MW-5-3-23-15

Tgt Ion:	136	Resp:	175309
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.6	4.6	6.8
68	5.4	3.7	5.5

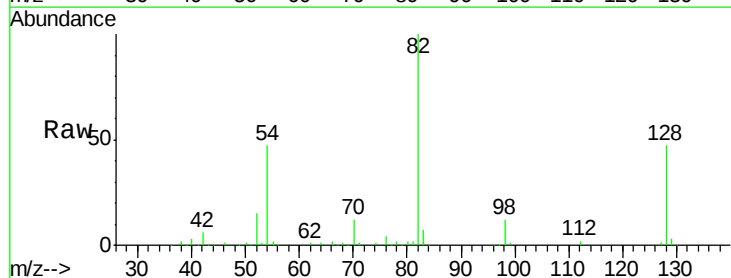


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

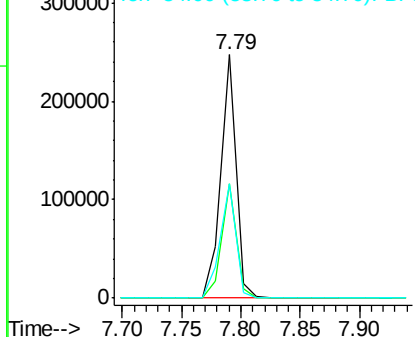
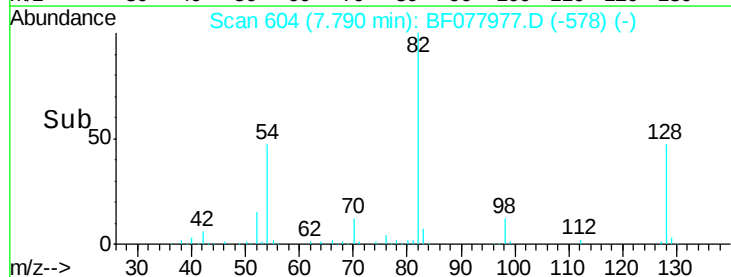


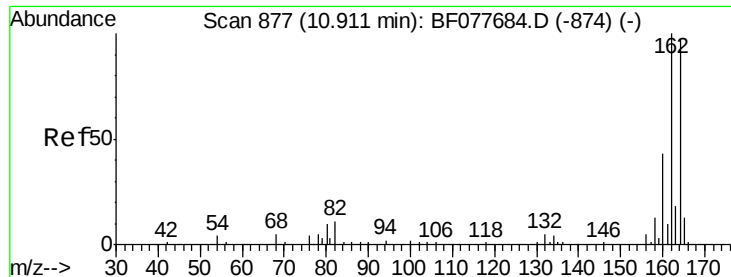
#23
Nitrobenzene-d5
Concen: 81.86 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077977.D
Acq: 26 Mar 2015 5:00

Tgt Ion:	82	Resp:	218916
Ion	Ratio	Lower	Upper
82	100		
128	47.0	32.8	49.2
54	46.9	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

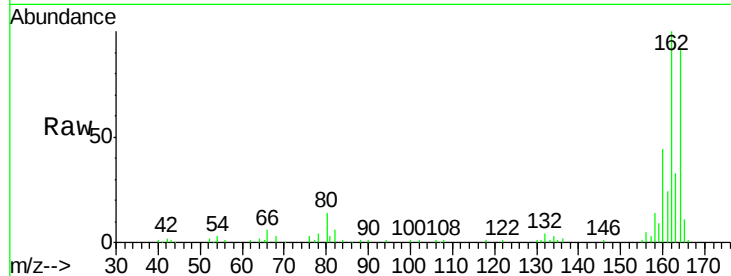




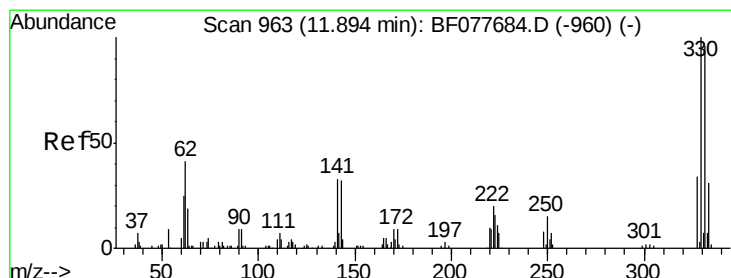
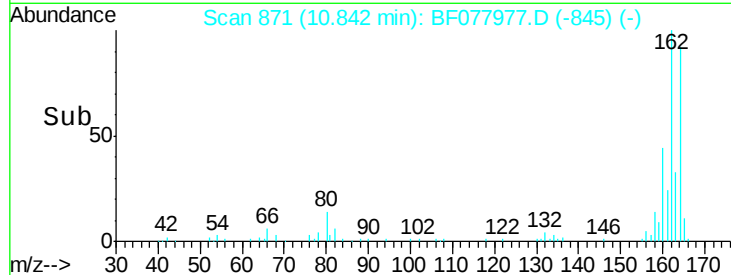
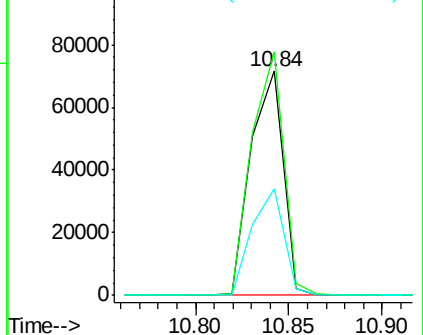
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-3-23-15

Tgt Ion:164 Resp: 85618
 Ion Ratio Lower Upper
 164 100
 162 108.8 82.4 123.6
 160 47.6 35.8 53.6

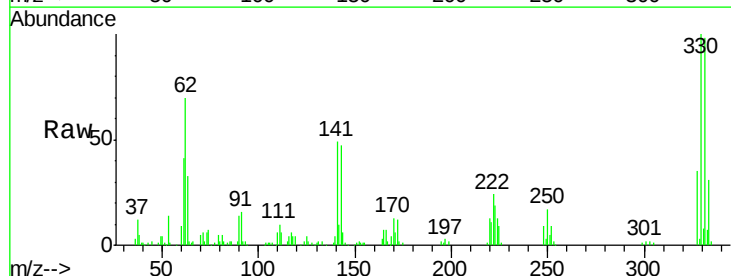


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

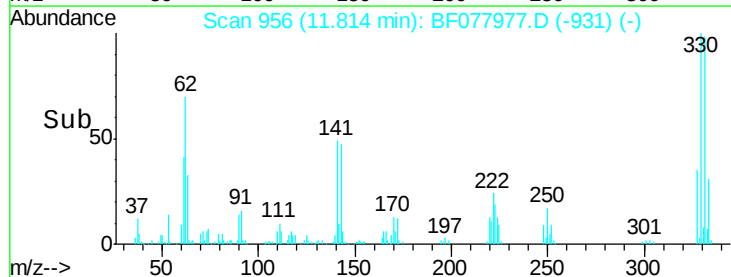
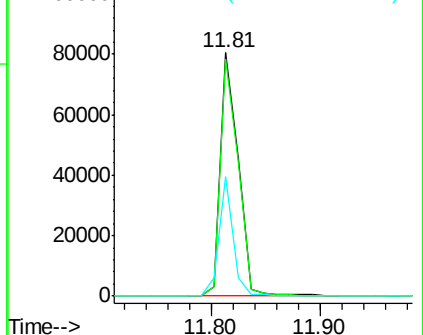


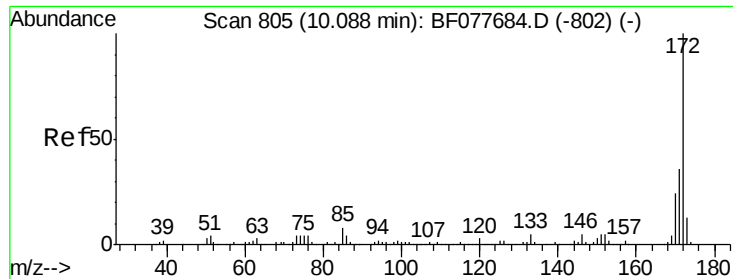
#41
 2,4,6-Tribromophenol
 Concen: 112.25 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Tgt Ion:330 Resp: 91954
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 39.1 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

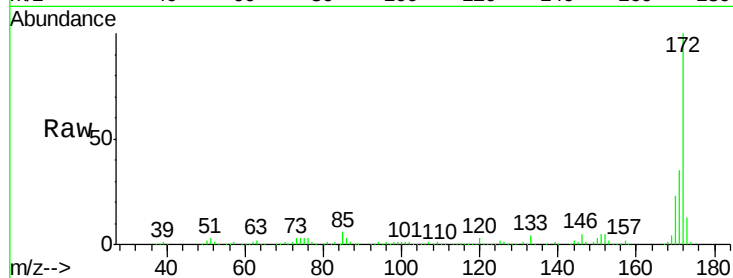




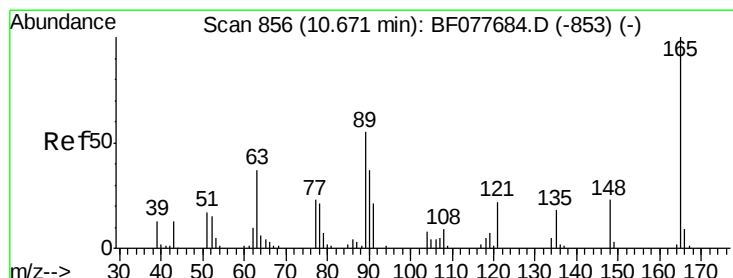
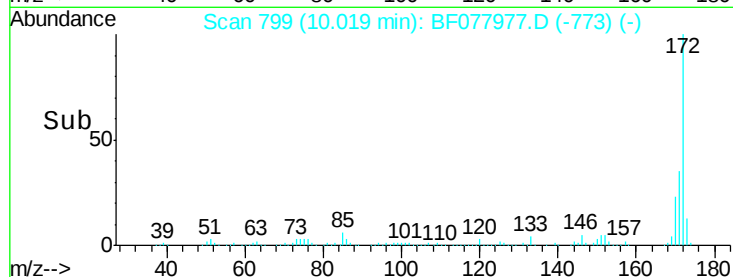
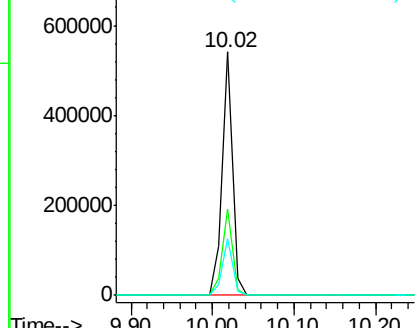
#44
 2-Fluorobiphenyl
 Concen: 82.10 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-3-23-15

Tgt Ion:172 Resp: 478298
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.5 18.8 28.2

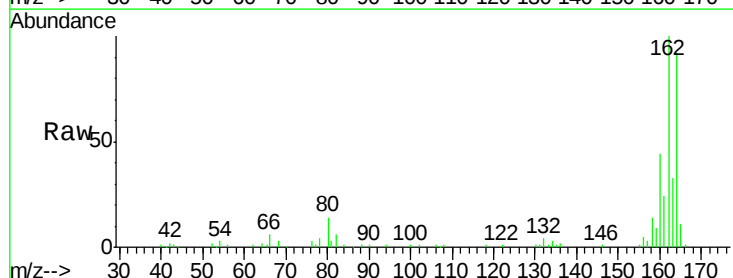


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

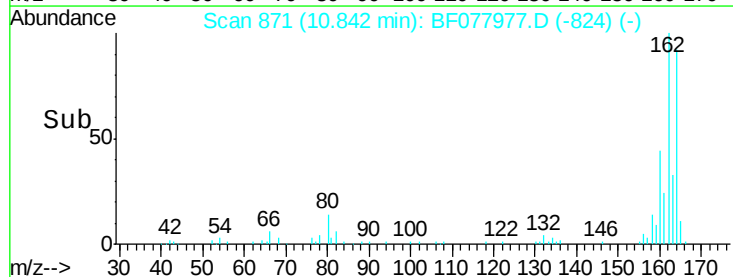
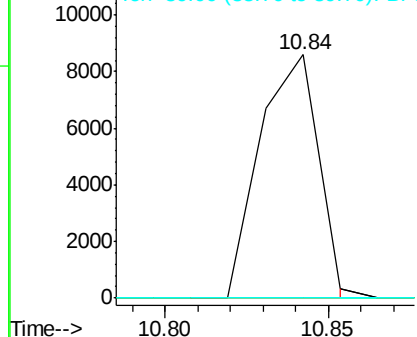


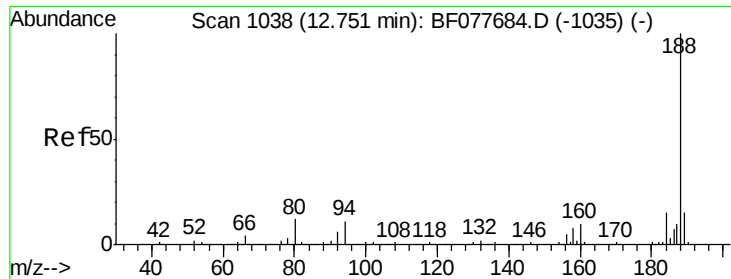
#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Tgt Ion:165 Resp: 10718
 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

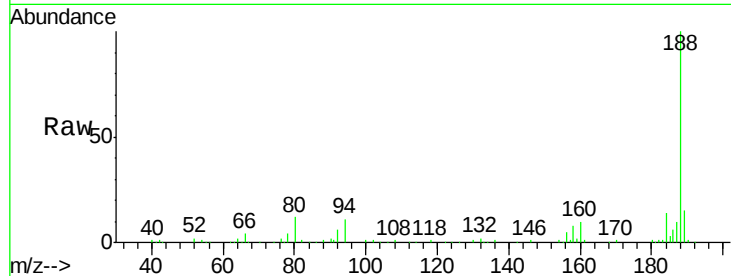




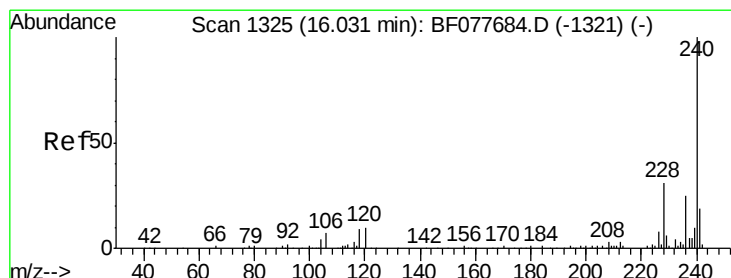
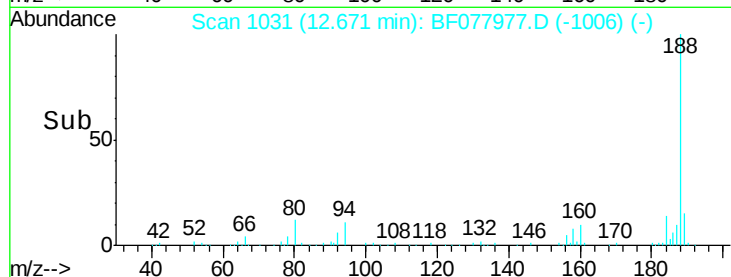
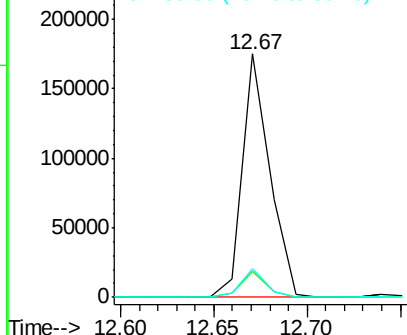
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077977.D
Acq: 26 Mar 2015 5:00

Instrument :
BNA_F
ClientSampleId :
MW-5-3-23-15

Tgt Ion:188 Resp: 179677
Ion Ratio Lower Upper
188 100
94 10.9 8.7 13.1
80 11.8 9.3 13.9

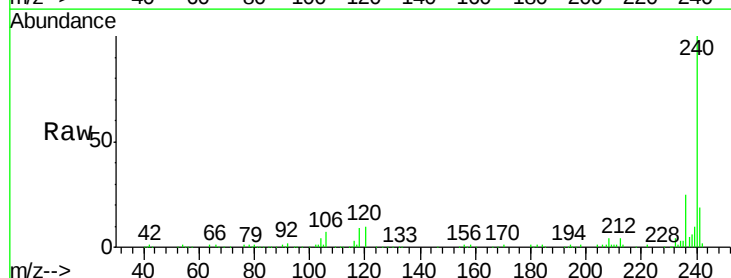


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

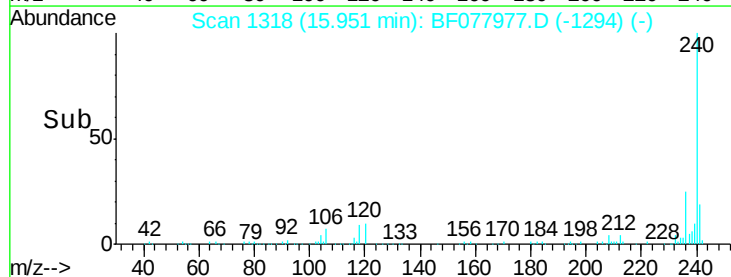
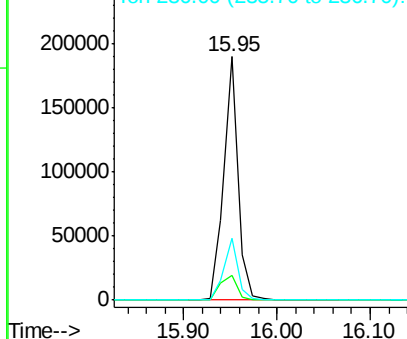


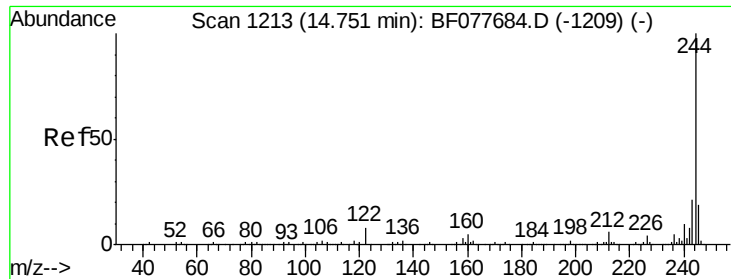
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077977.D
Acq: 26 Mar 2015 5:00

Tgt Ion:240 Resp: 202545
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.4 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

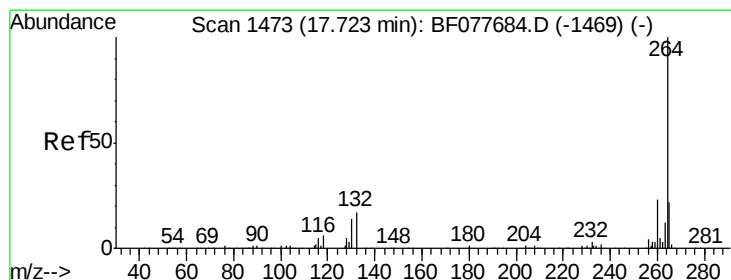
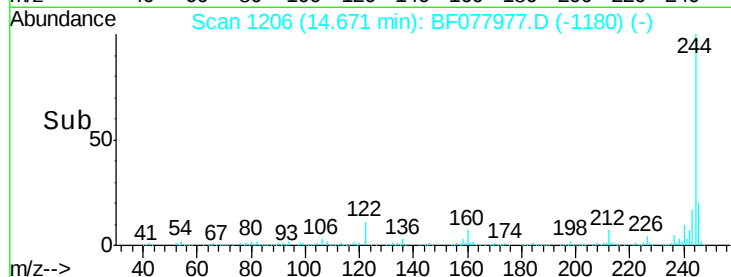
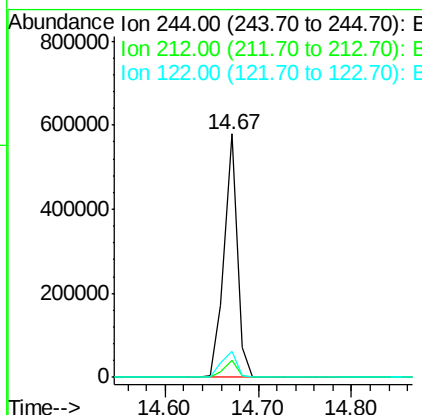
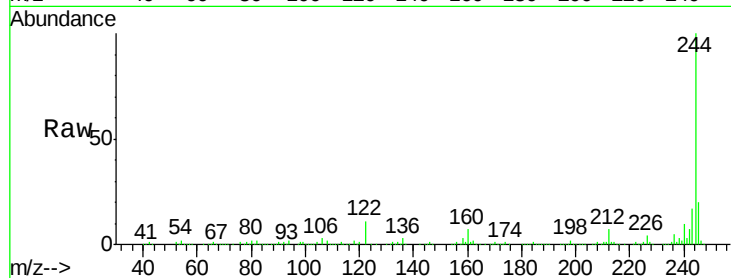




#78
 Terphenyl-d14
 Concen: 68.96 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-5-3-23-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	10.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1468
 Delta R.T. -0.08 min
 Lab File: BF077977.D
 Acq: 26 Mar 2015 5:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.1	17.3	25.9

