

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077968.D
 Acq On : 25 Mar 2015 23:13
 Operator : TP/IZ
 Sample : G1643-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-3-23-15

Quant Time: Mar 26 00:09:48 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

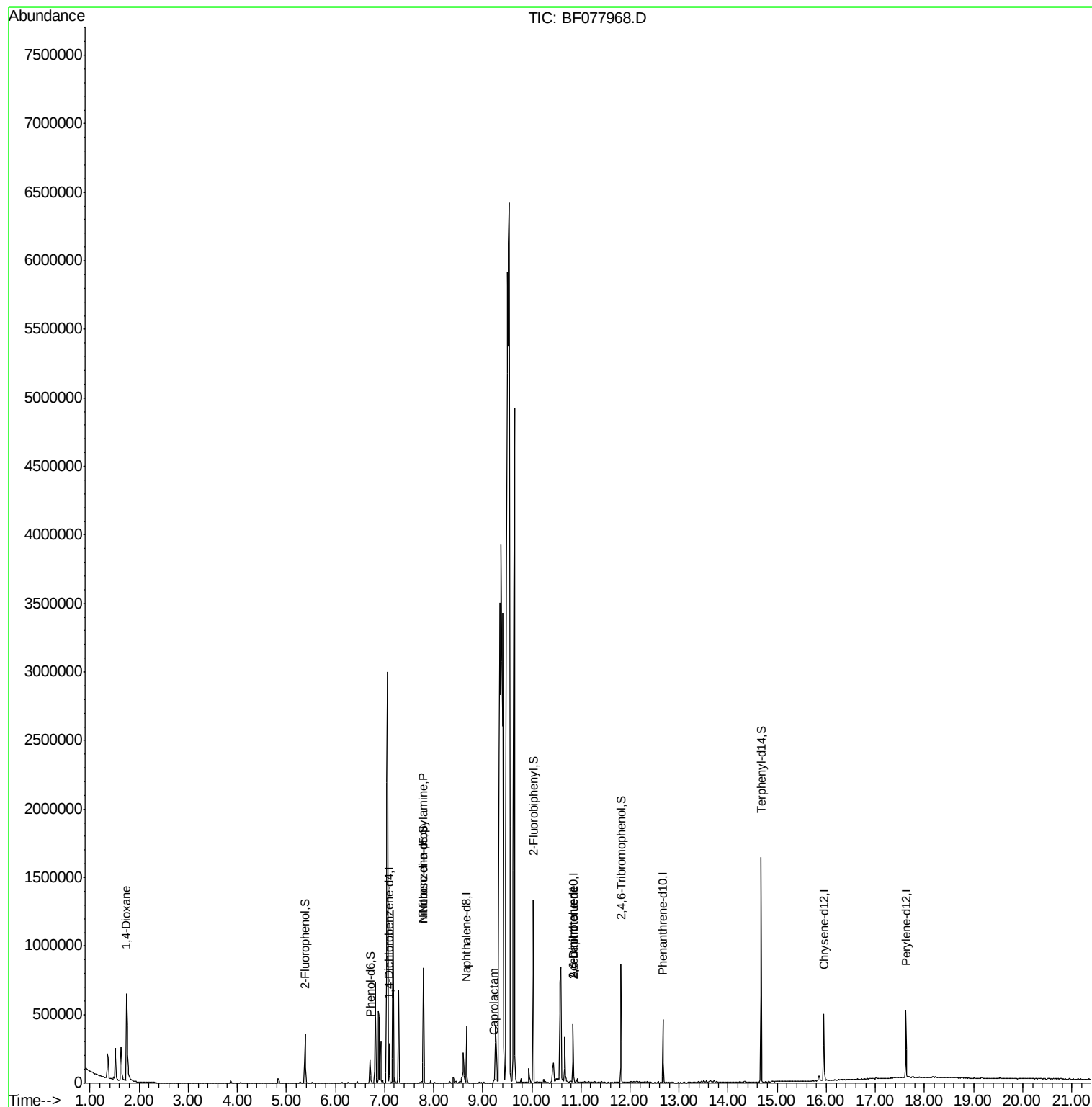
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	45160	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	186929	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	91942	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	184358	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	207514	20.00	ng	-0.02
86) Perylene-d12	17.62	264	206183	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	140190	54.19	ng	0.00
7) Phenol-d6	6.70	99	109054	34.12	ng	0.03
23) Nitrobenzene-d5	7.79	82	243472	85.38	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	104467	118.76	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	531409	84.94	ng	0.01
78) Terphenyl-d14	14.67	244	590772	69.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	28789	24.51	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	31605	14.29	ng	# 80
35) Caprolactam	9.23	113	2887	3.78	ng	90
50) 2,6-Dinitrotoluene	10.84	165	11612	8.21	ng	# 26
56) 2,4-Dinitrotoluene	10.84	165	8821	4.79	ng	# 13

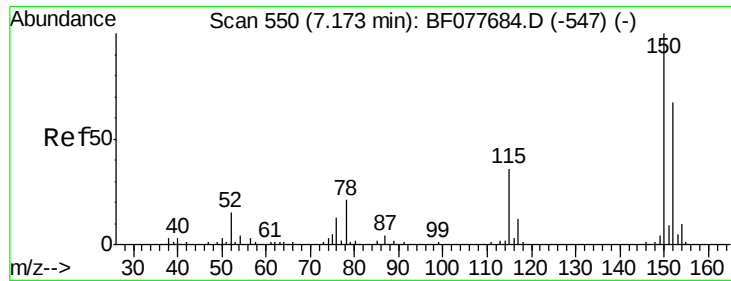
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF077968.D

Acq: 25 Mar 2015 23:13

Instrument :

BNA_F

ClientSampleId :

MW-7-3-23-15

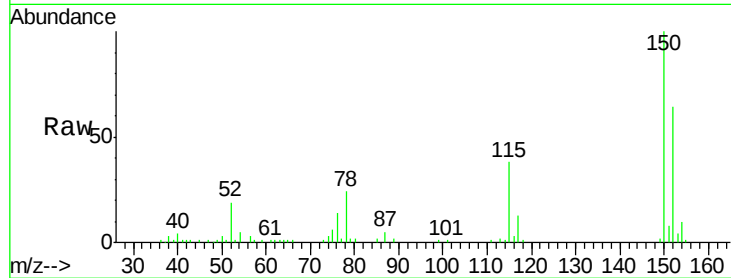
Tgt Ion:152 Resp: 45160

Ion Ratio Lower Upper

152 100

150 155.4 119.5 179.3

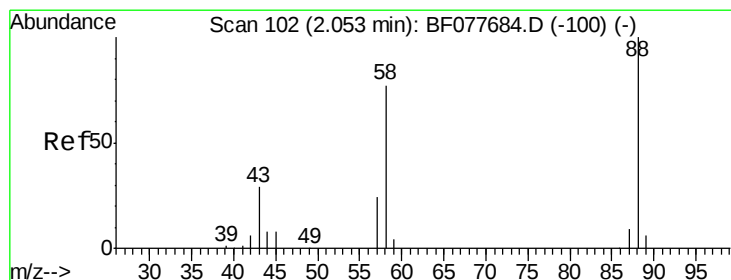
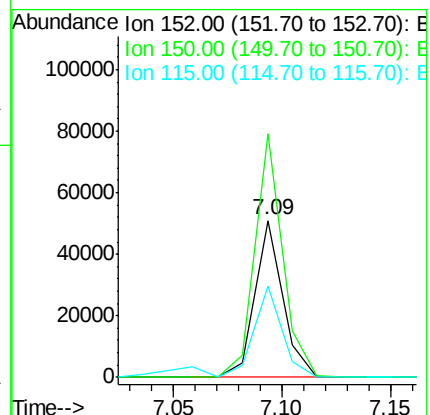
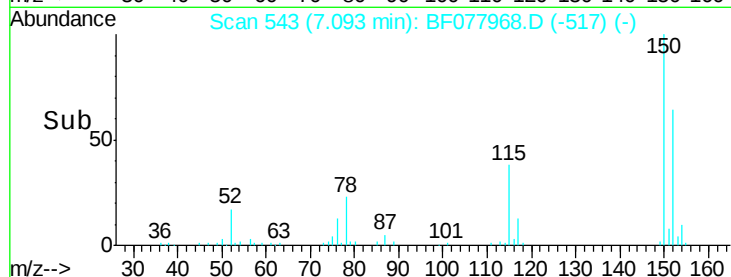
115 58.3 43.0 64.4



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



#2

1,4-Dioxane

Concen: 24.51 ng

RT: 1.74 min Scan# 75

Delta R.T. -0.19 min

Lab File: BF077968.D

Acq: 25 Mar 2015 23:13

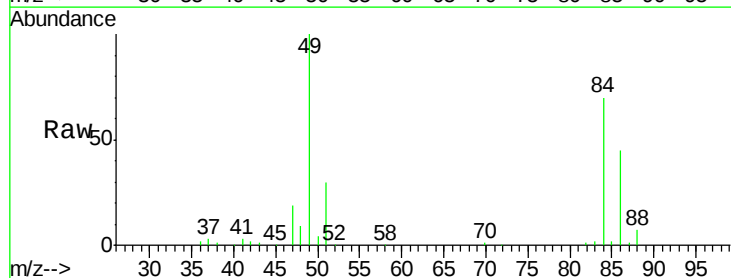
Tgt Ion: 88 Resp: 28789

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

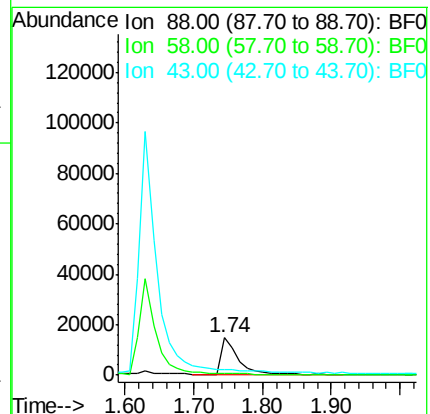
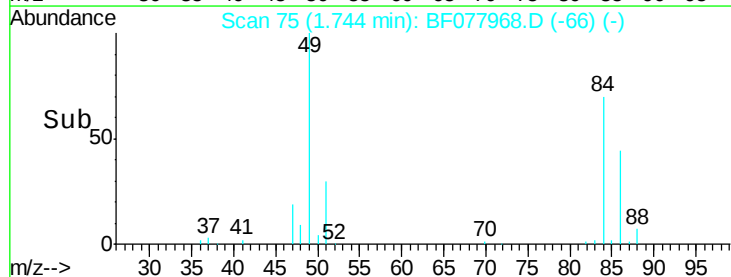
43 0.0 0.0 0.0

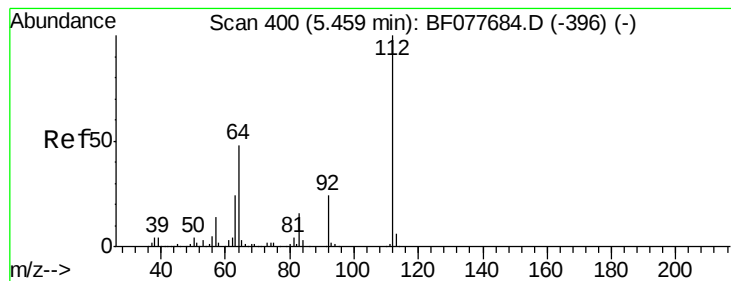


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 54.19 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077968.D

Acq: 25 Mar 2015 23:13

Instrument :

BNA_F

ClientSampleId :

MW-7-3-23-15

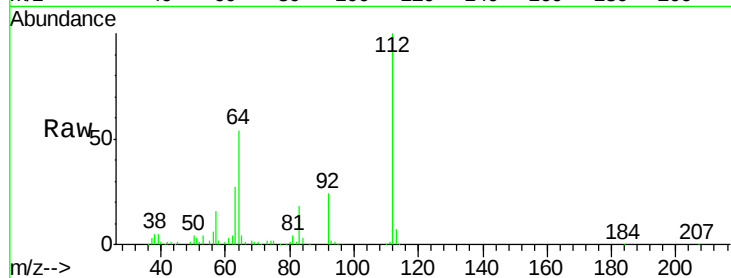
Tgt Ion: 112 Resp: 140190

Ion Ratio Lower Upper

112 100

64 53.5 38.6 57.8

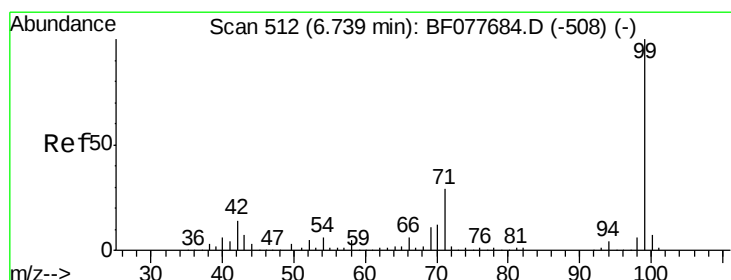
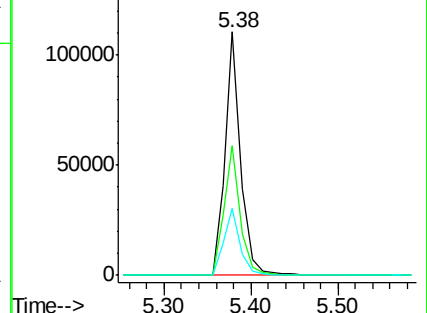
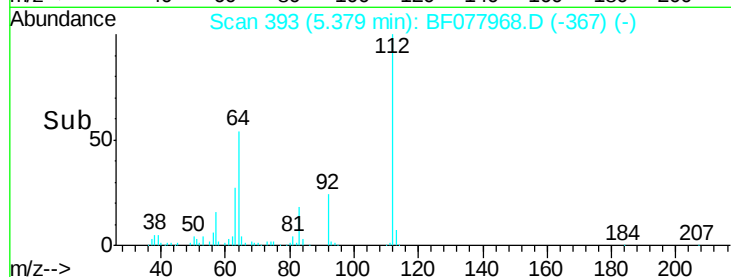
63 27.3 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 34.12 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.03 min

Lab File: BF077968.D

Acq: 25 Mar 2015 23:13

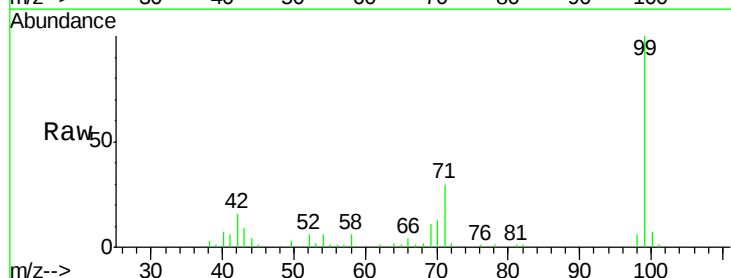
Tgt Ion: 99 Resp: 109054

Ion Ratio Lower Upper

99 100

42 15.9 11.0 16.4

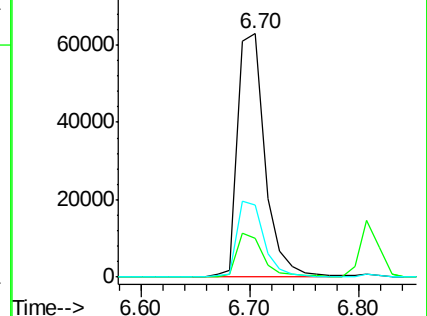
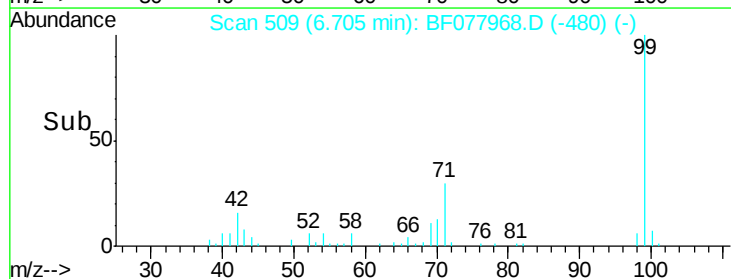
71 29.6 23.4 35.2

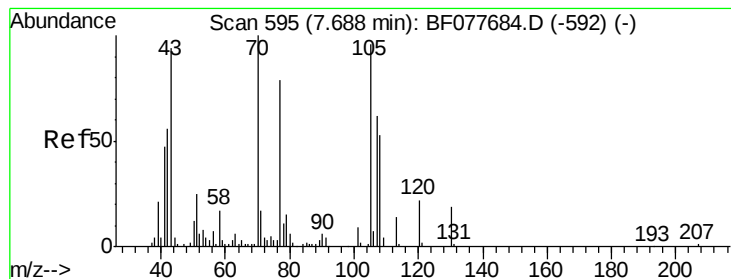


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 14.29 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.17 min

Lab File: BF077968.D

Acq: 25 Mar 2015 23:13

Instrument :

BNA_F

ClientSampleId :

MW-7-3-23-15

Tgt Ion: 70 Resp: 31605

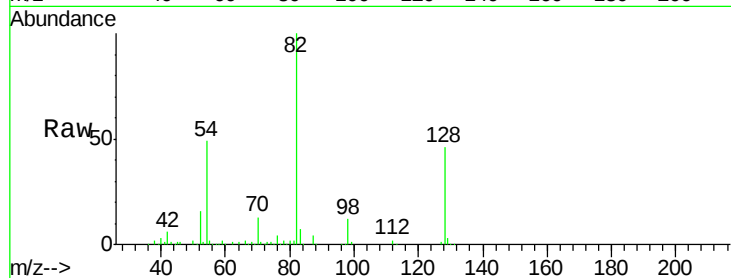
Ion Ratio Lower Upper

70 100

42 46.2 44.5 66.7

101 0.0 7.4 11.2#

130 2.6 15.3 22.9#



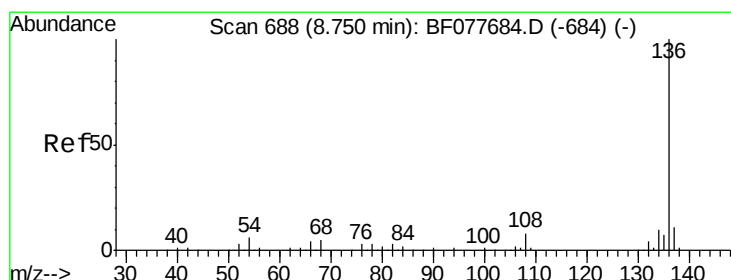
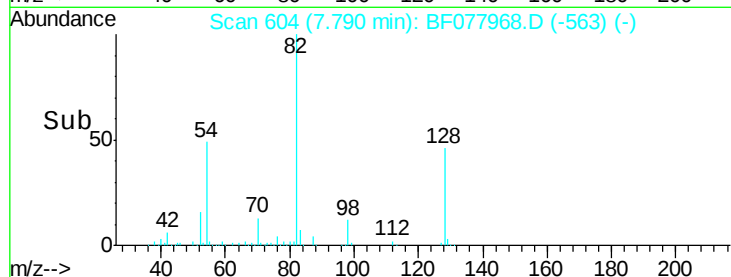
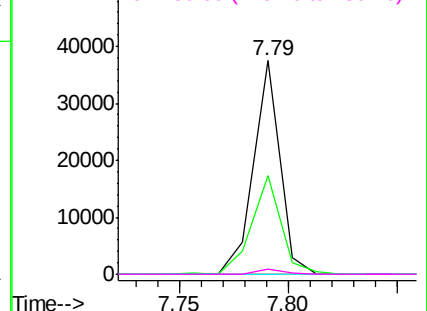
Abundance

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: BF077968.D

Acq: 25 Mar 2015 23:13

Tgt Ion: 136 Resp: 186929

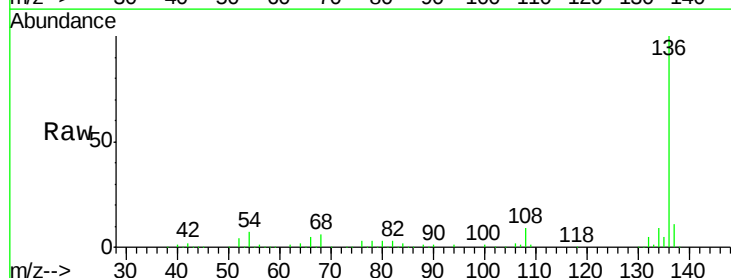
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.1 4.6 6.8#

68 5.6 3.7 5.5#



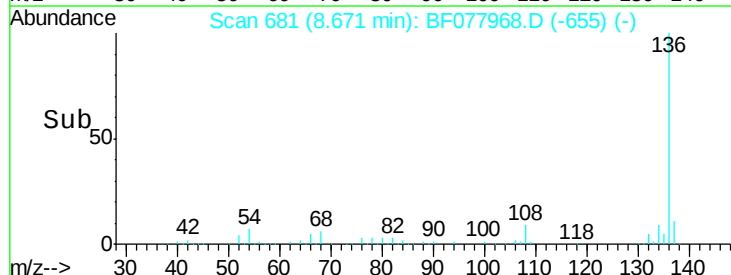
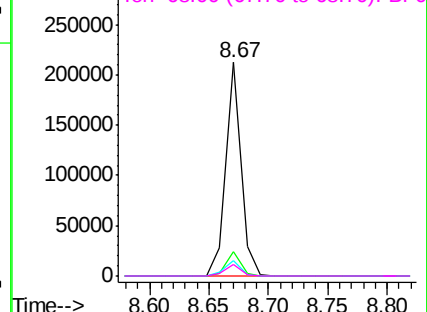
Abundance

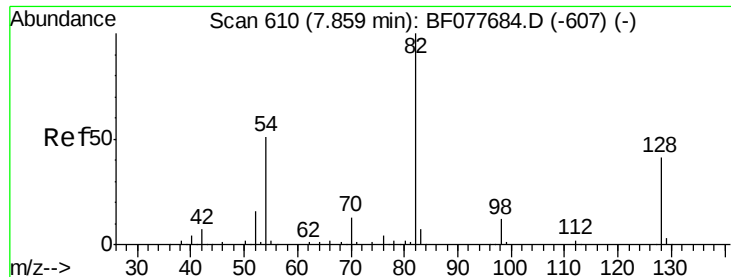
Ion 136.00 (135.70 to 136.70): E

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

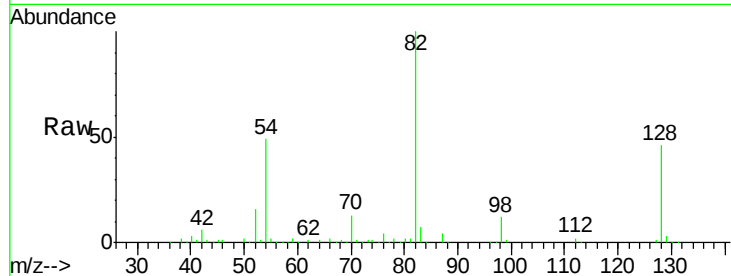




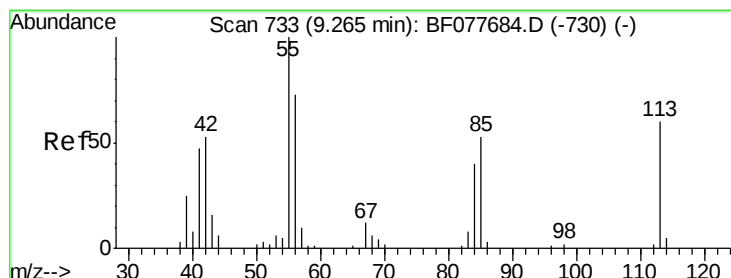
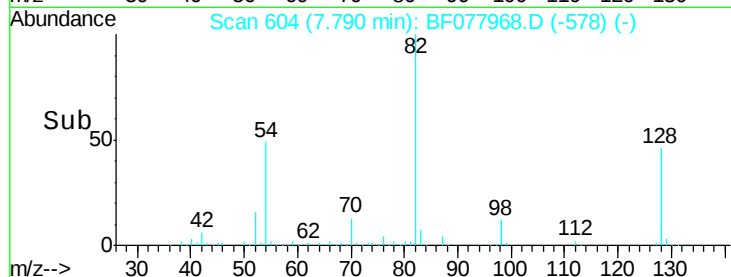
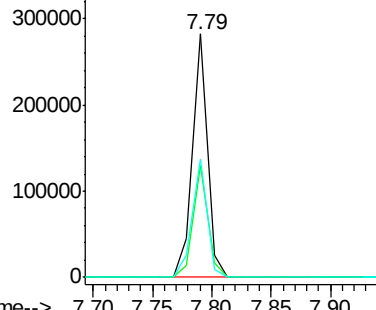
#23
 Nitrobenzene-d5
 Concen: 85.38 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-3-23-15

Tgt Ion: 82 Resp: 243472
 Ion Ratio Lower Upper
 82 100
 128 45.7 32.8 49.2
 54 48.6 40.6 60.8

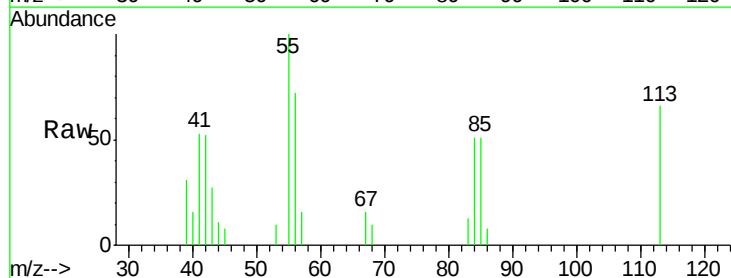


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

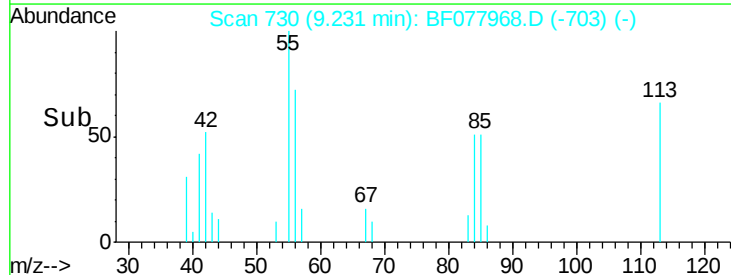
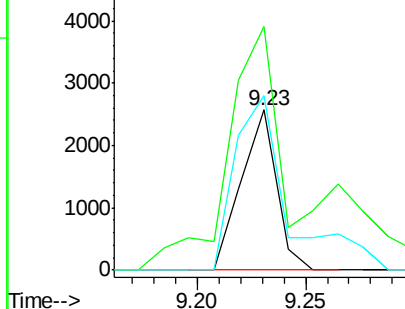


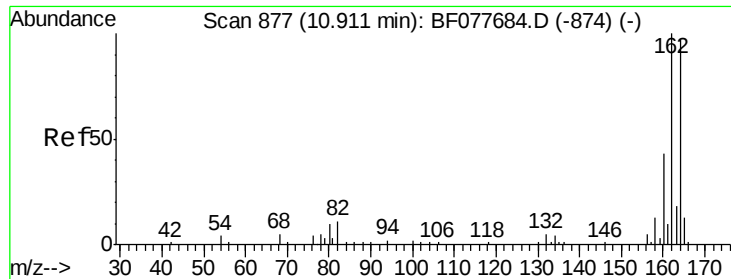
#35
 Caprolactam
 Concen: 3.78 ng
 RT: 9.23 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Tgt Ion: 113 Resp: 2887
 Ion Ratio Lower Upper
 113 100
 55 152.0 145.9 185.9
 56 109.0 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

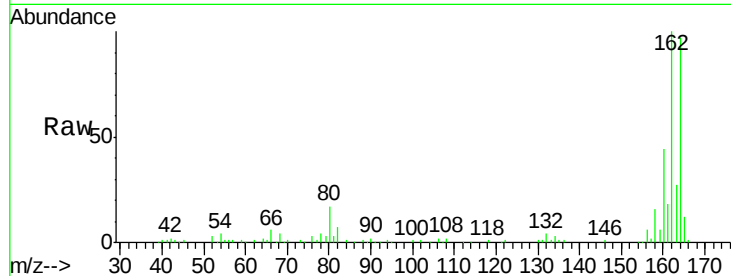




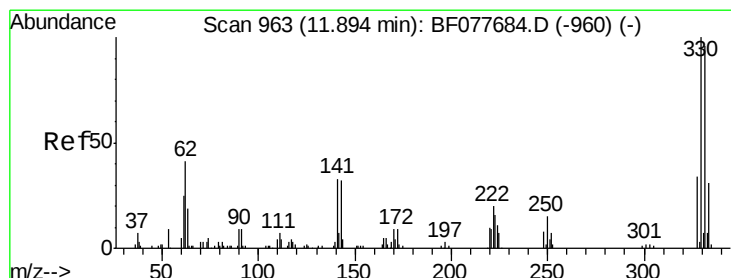
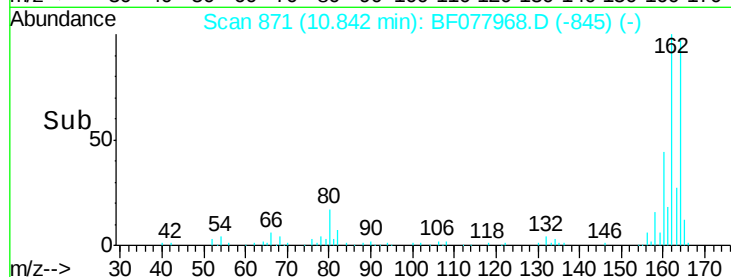
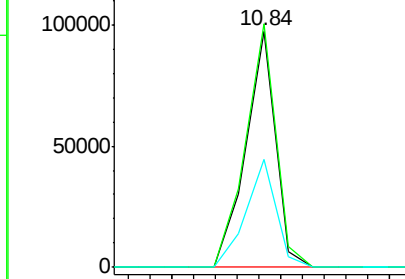
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-3-23-15

Tgt Ion:164 Resp: 91942
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.4 123.6
 160 45.4 35.8 53.6

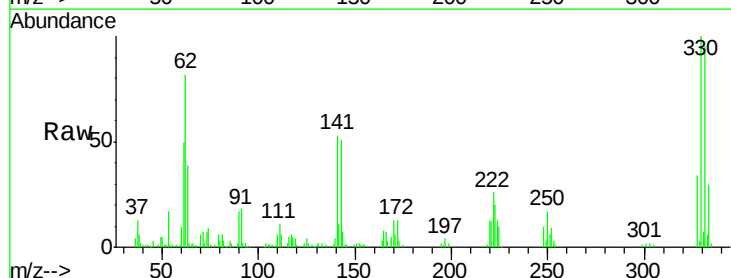


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

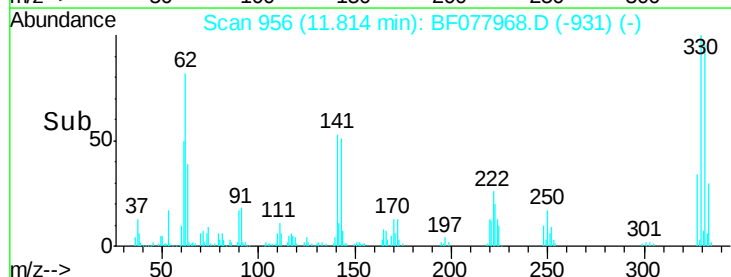
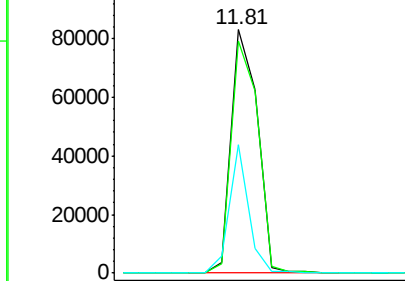


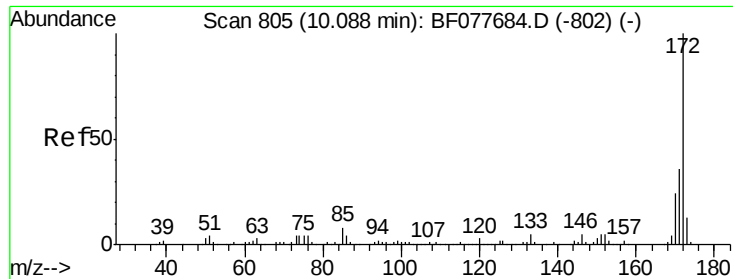
#41
 2,4,6-Tribromophenol
 Concen: 118.76 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Tgt Ion:330 Resp: 104467
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.6 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

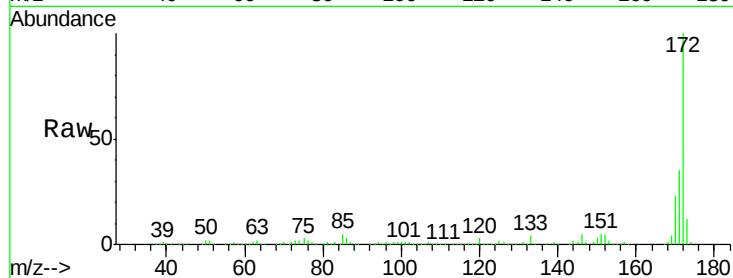




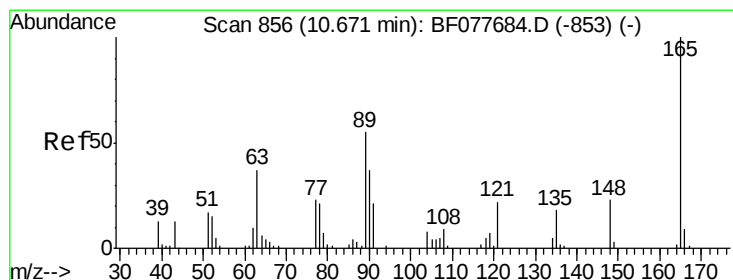
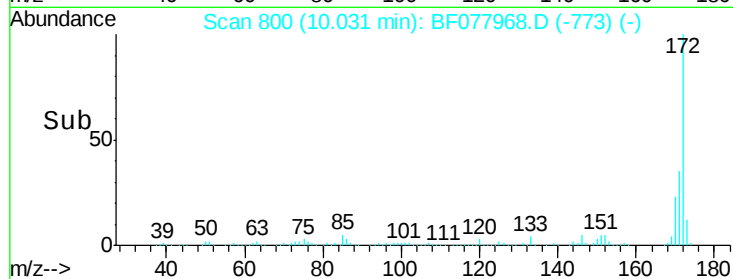
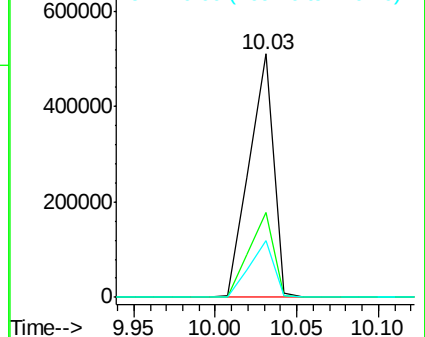
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Instrument :
 BNA_F
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 MW-7-3-23-15

Tgt Ion:172 Resp: 531409
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.3 18.8 28.2

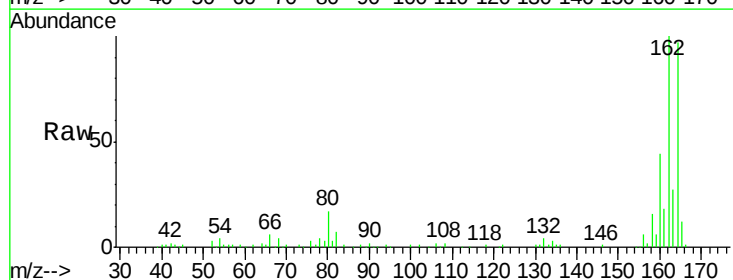


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

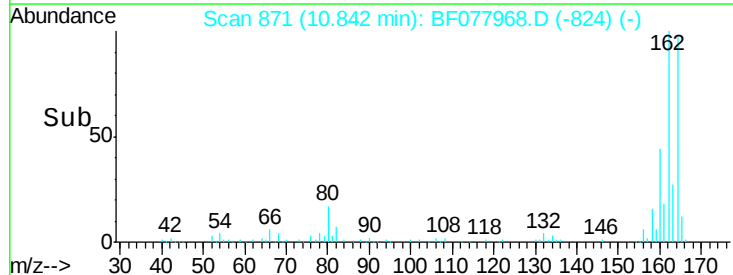
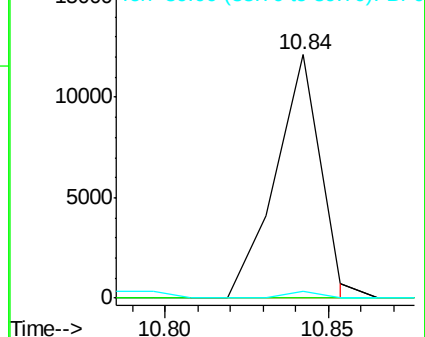


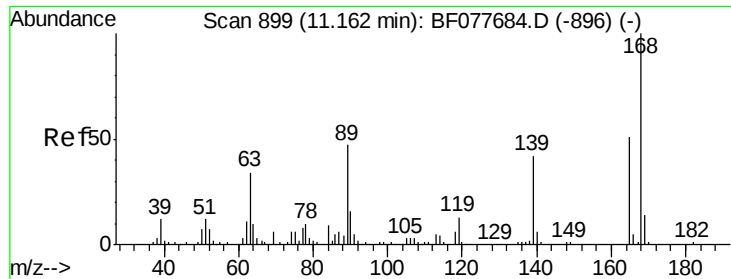
#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Tgt Ion:165 Resp: 11612
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 3.0 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

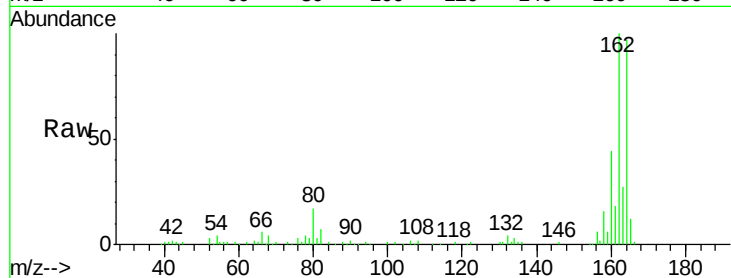




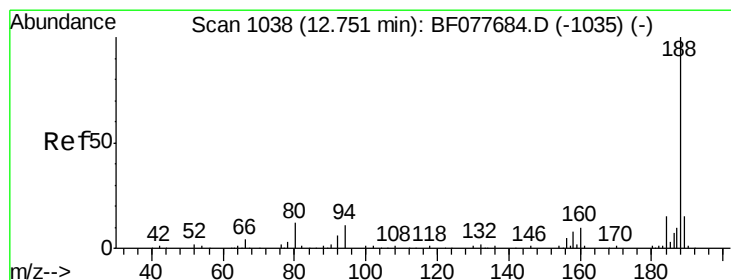
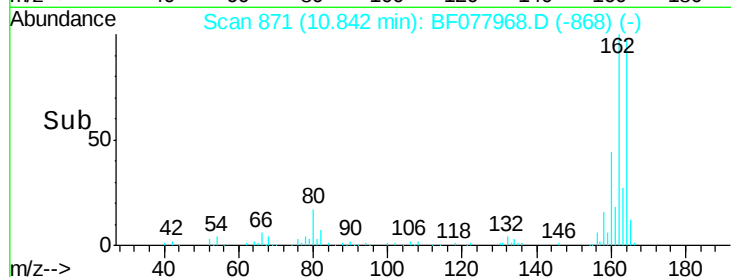
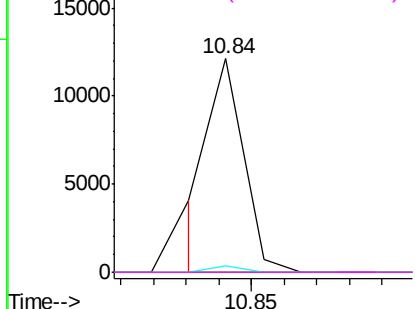
#56
 2,4-Dinitrotoluene
 Concen: 4.79 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.26 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-3-23-15

Tgt Ion:165 Resp: 8821
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 3.0 72.4 108.6#
 182 0.0 2.0 3.0#

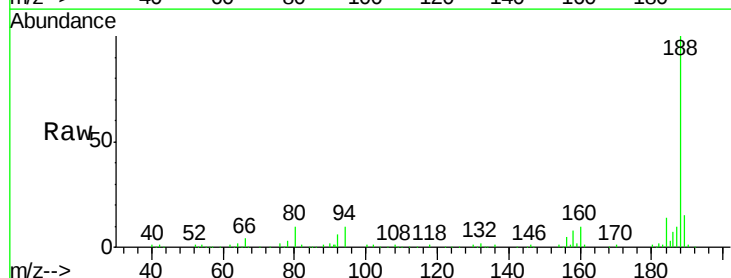


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

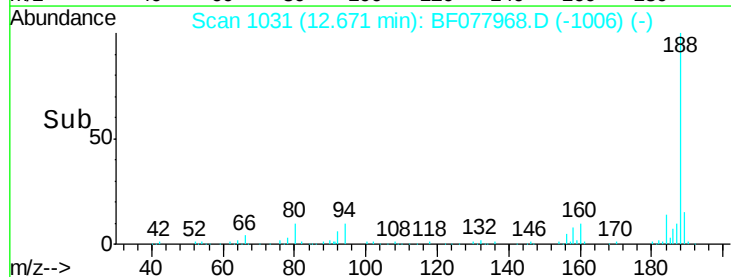
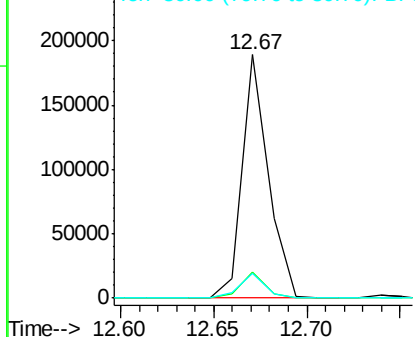


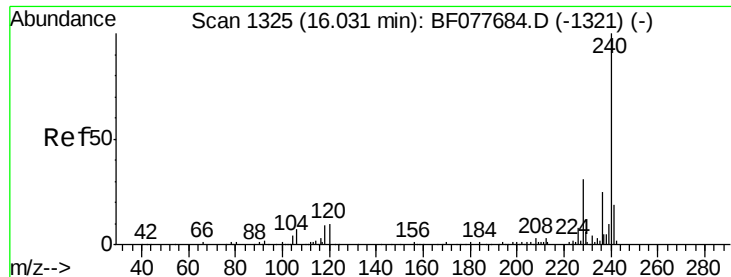
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Tgt Ion:188 Resp: 184358
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.7 13.1
 80 10.4 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

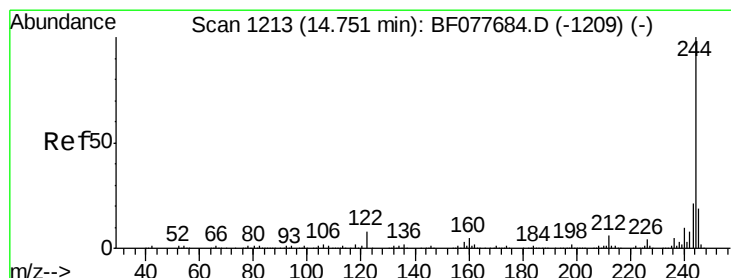
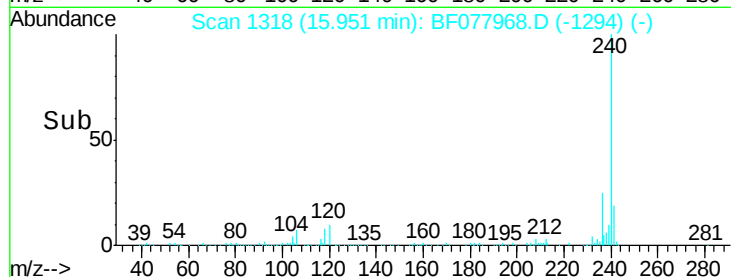
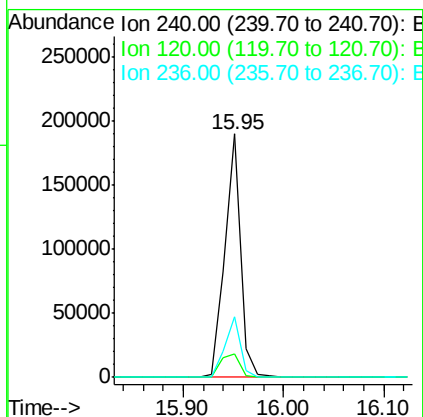
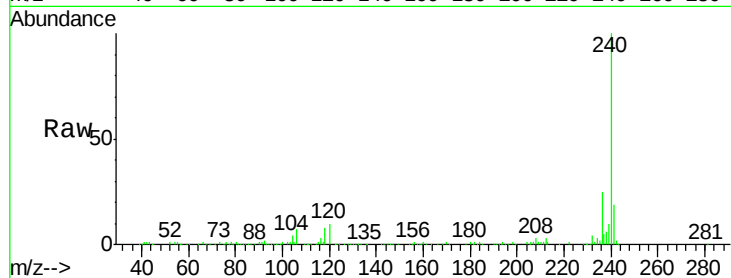




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

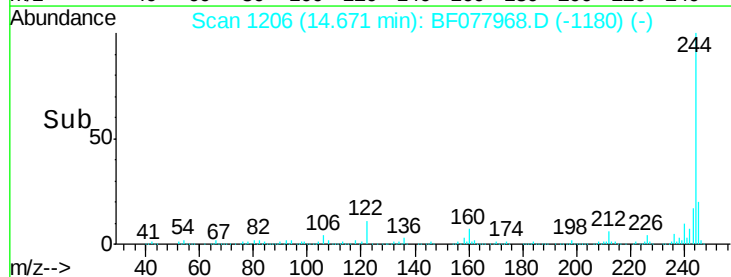
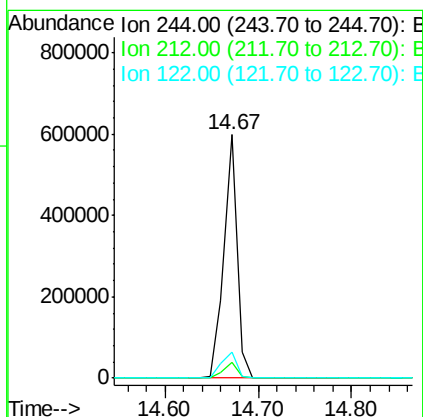
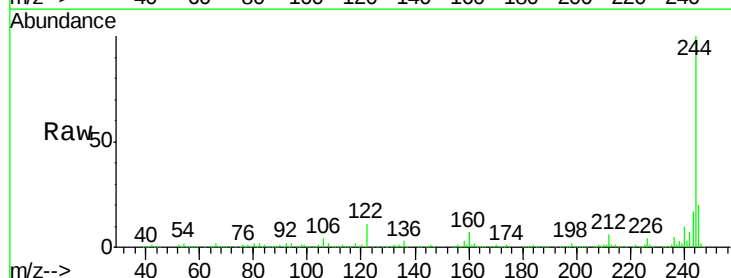
Instrument :
 BNA_F
 ClientSampleId :
 MW-7-3-23-15

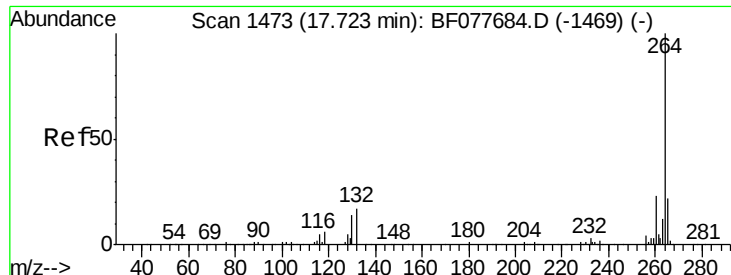
Tgt Ion:240 Resp: 207514
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.2 12.2
 236 25.0 20.0 30.0



#78
 Terphenyl-d14
 Concen: 69.54 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077968.D
 Acq: 25 Mar 2015 23:13

Tgt Ion:244 Resp: 590772
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.9 7.3
 122 10.7 6.2 9.4#

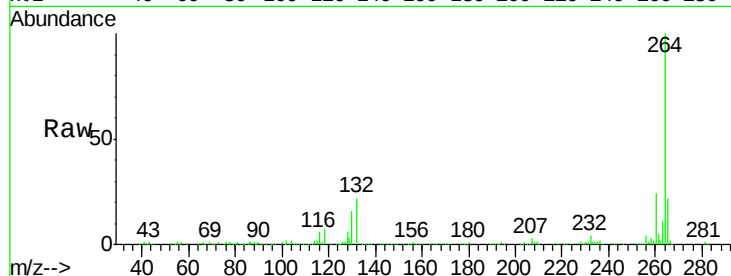




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1464
Delta R.T. -0.13 min
Lab File: BF077968.D
Acq: 25 Mar 2015 23:13

Instrument :
BNA_F
ClientSampleId :
MW-7-3-23-15

Tgt Ion:	264	Resp:	206183
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.7	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

