

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077957.D
 Acq On : 25 Mar 2015 17:59
 Operator : TP/IZ
 Sample : G1612-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Mar 26 00:04:14 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

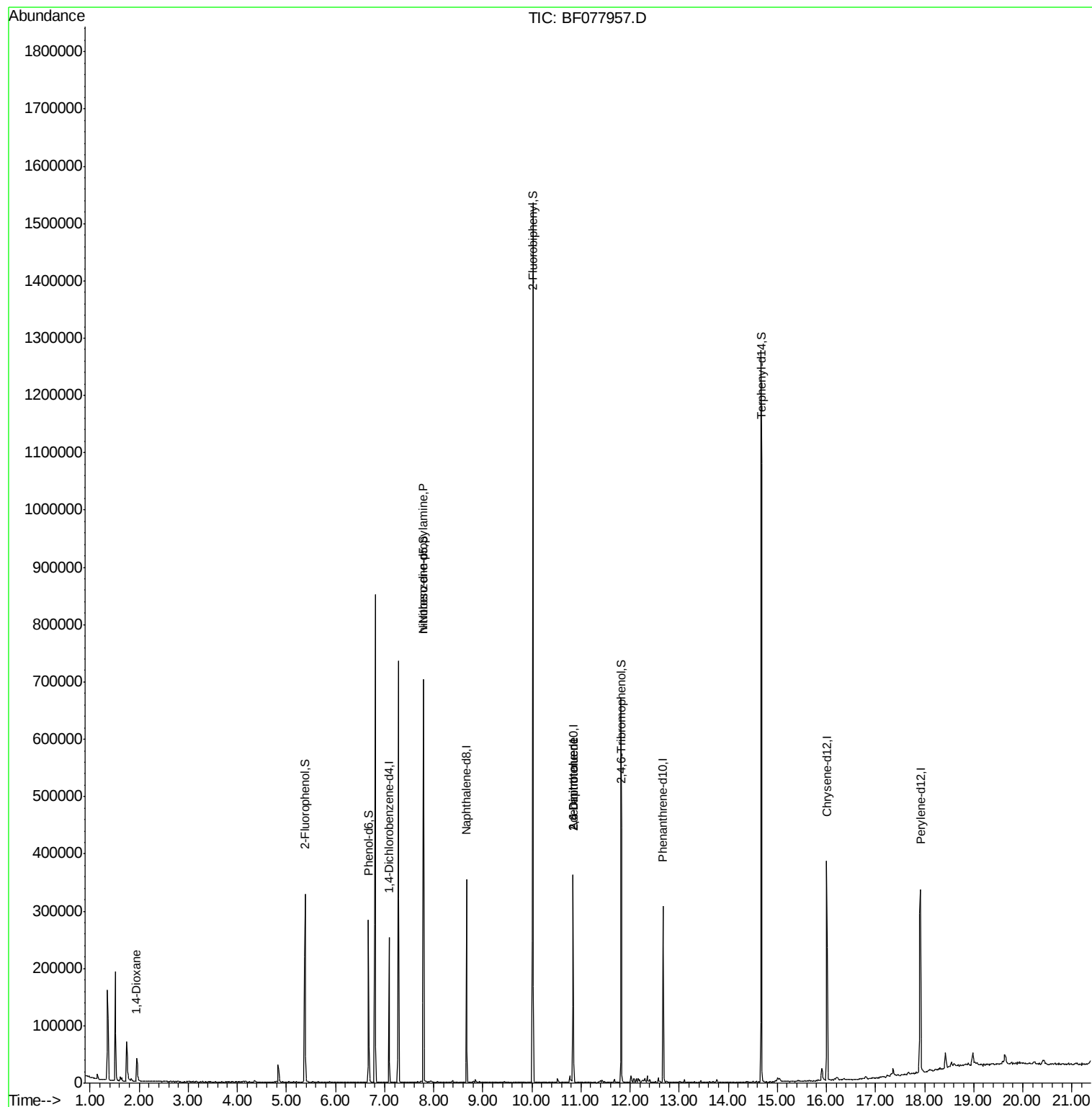
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39059	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	157134	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	79830	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	162902	20.00	ng	-0.01
75) Chrysene-d12	16.01	240	177093	20.00	ng	0.03
86) Perylene-d12	17.92	264	173679	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	128776	57.55	ng	0.00
7) Phenol-d6	6.67	99	101872	36.85	ng	0.00
23) Nitrobenzene-d5	7.79	82	217548	90.75	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	98201	128.57	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	473709	87.21	ng	0.00
78) Terphenyl-d14	14.68	244	617748	85.21	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.95	88	21586	21.25	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	27335	14.29	ng	# 79
50) 2,6-Dinitrotoluene	10.84	165	10367	8.45	ng	# 24
56) 2,4-Dinitrotoluene	10.84	165	7695	4.81	ng	# 11

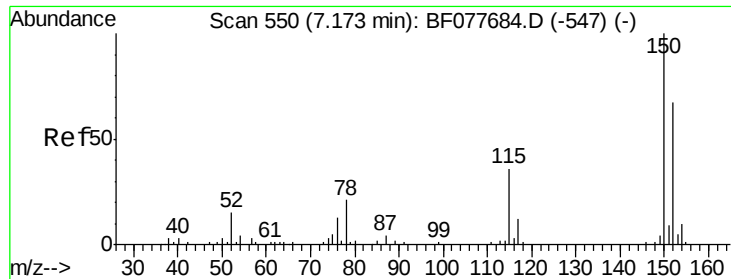
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077957.D
Acq On : 25 Mar 2015 17:59
Operator : TP/IZ
Sample : G1612-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Mar 26 00:04:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077957.D

Acq: 25 Mar 2015 17:59

Instrument :

BNA_F

ClientSampled :

MW-2

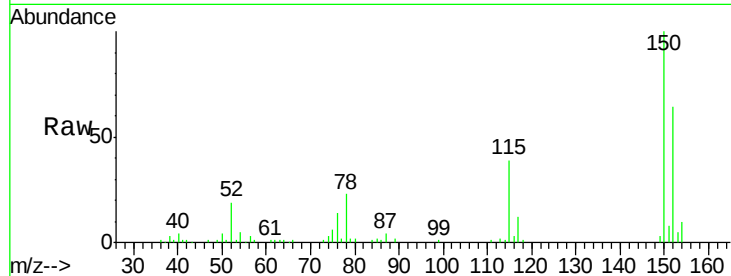
Tgt Ion:152 Resp: 39059

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

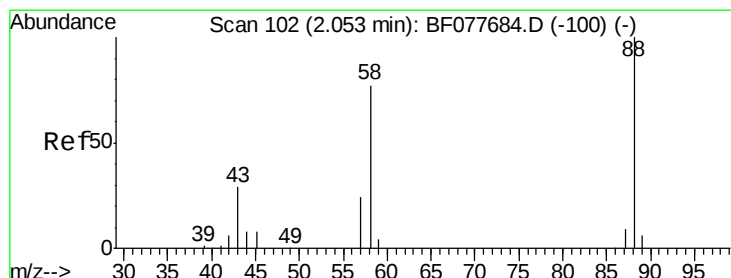
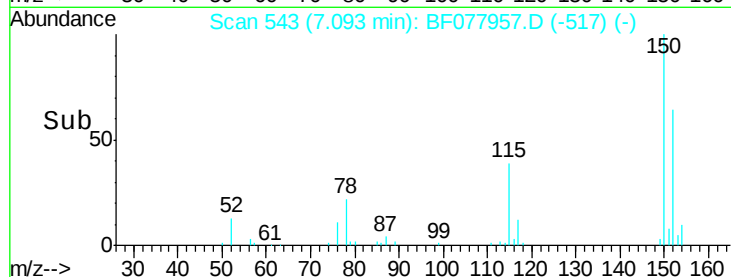
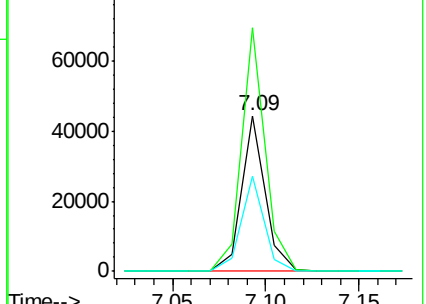
115 61.4 43.0 64.4



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: 21.25 ng

RT: 1.95 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF077957.D

Acq: 25 Mar 2015 17:59

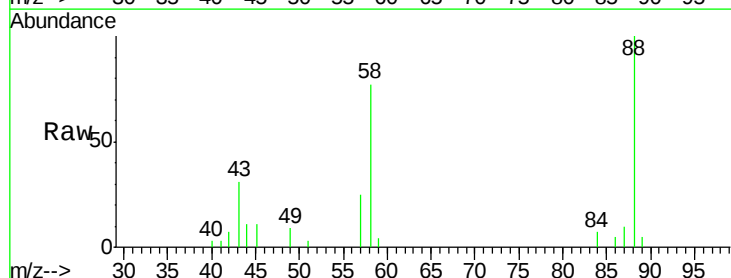
Tgt Ion: 88 Resp: 21586

Ion Ratio Lower Upper

88 100

58 72.8 0.0 0.0#

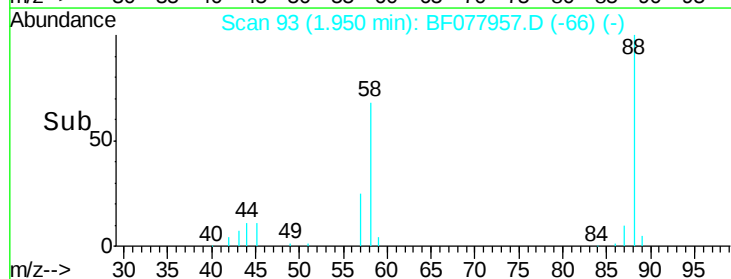
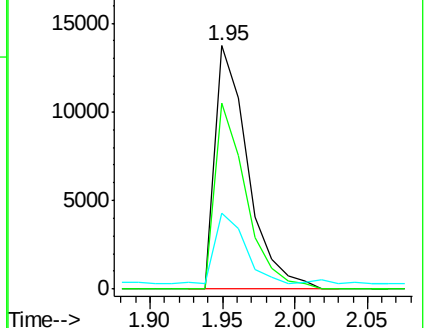
43 26.6 0.0 0.0#

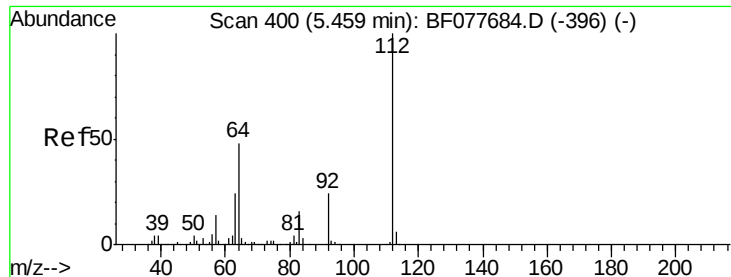


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 57.55 ng

RT: 5.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF077957.D

Acq: 25 Mar 2015 17:59

Instrument :

BNA_F

ClientSampleId :

MW-2

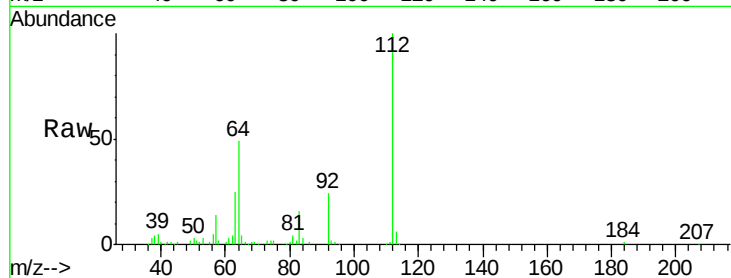
Tgt Ion: 112 Resp: 128776

Ion Ratio Lower Upper

112 100

64 49.3 38.6 57.8

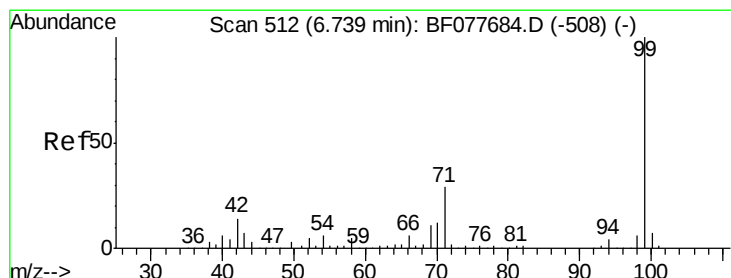
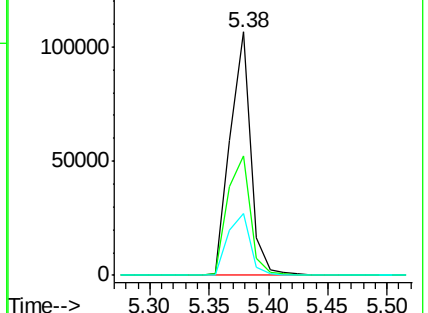
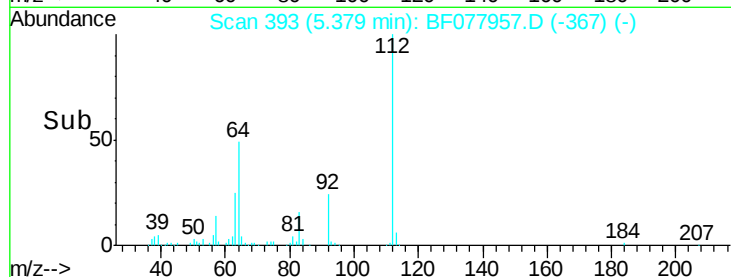
63 25.3 19.3 28.9



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: 36.85 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF077957.D

Acq: 25 Mar 2015 17:59

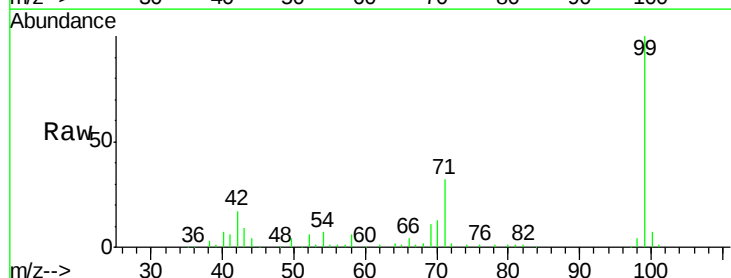
Tgt Ion: 99 Resp: 101872

Ion Ratio Lower Upper

99 100

42 16.8 11.0 16.4#

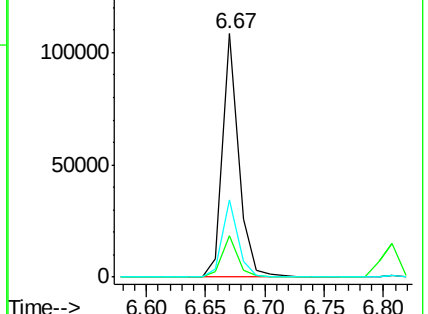
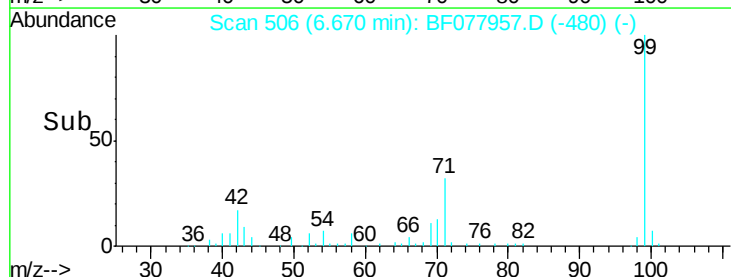
71 31.7 23.4 35.2

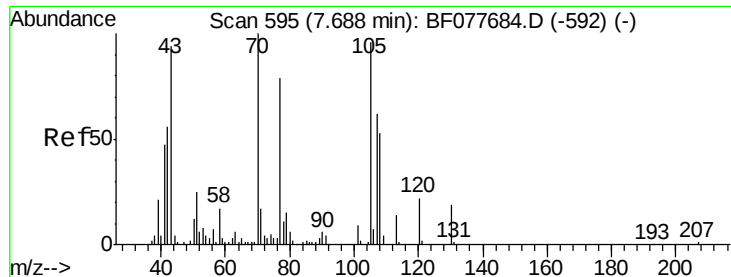


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: BF077957.D

Acq: 25 Mar 2015 17:59

Instrument :

BNA_F

ClientSampleId :

MW-2

Tgt Ion: 70 Resp: 27335

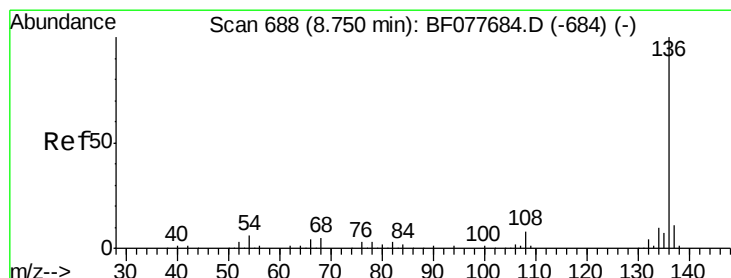
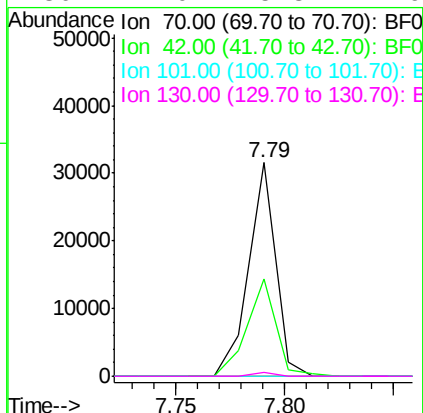
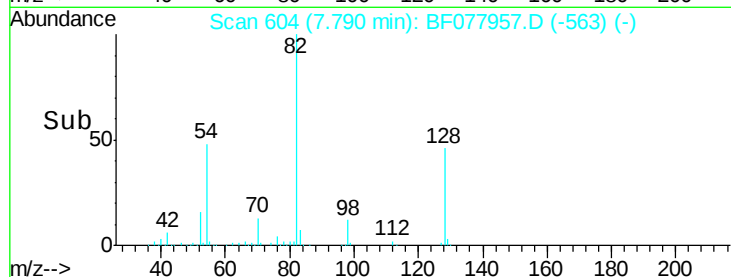
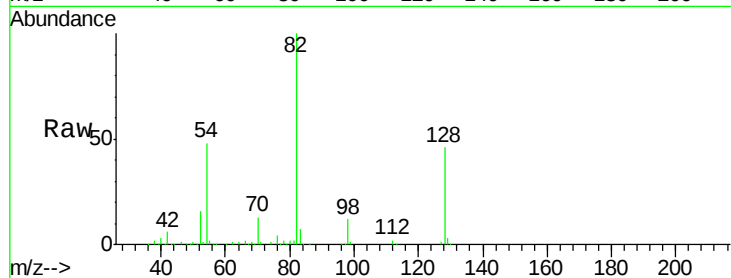
Ion Ratio Lower Upper

70 100

42 45.5 44.5 66.7

101 0.0 7.4 11.2#

130 2.0 15.3 22.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF077957.D

Acq: 25 Mar 2015 17:59

Tgt Ion: 136 Resp: 157134

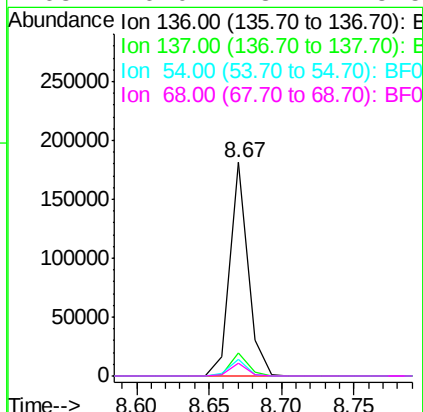
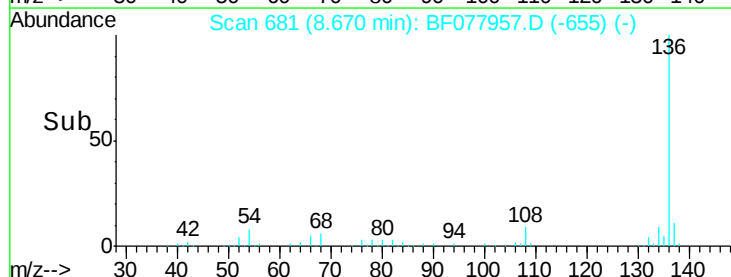
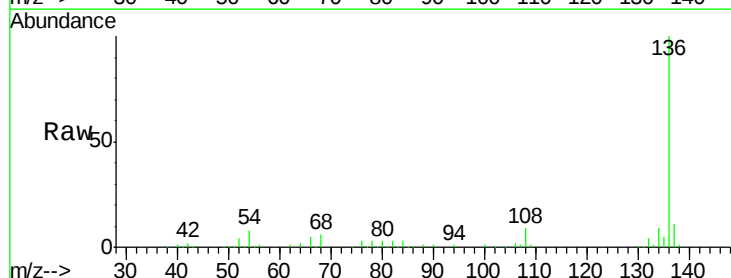
Ion Ratio Lower Upper

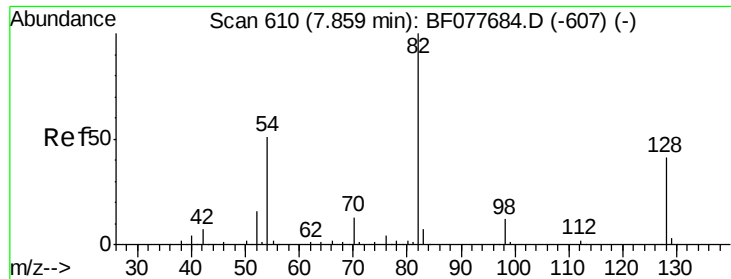
136 100

137 10.8 8.7 13.1

54 7.5 4.6 6.8#

68 6.0 3.7 5.5#

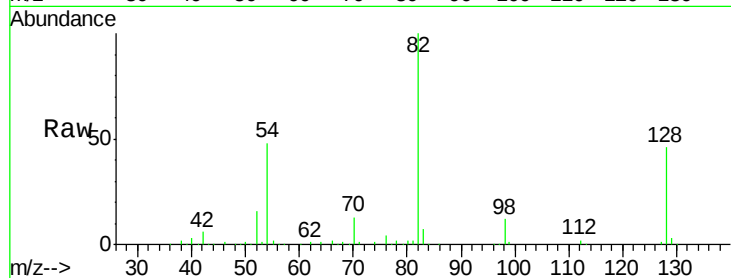




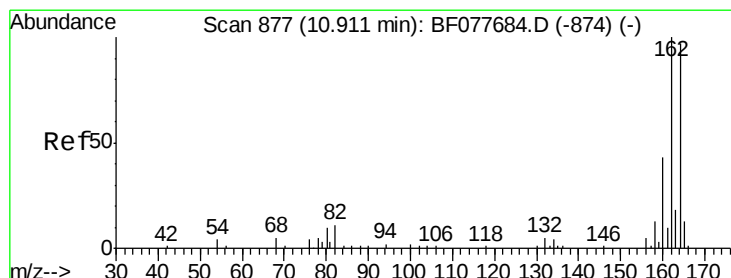
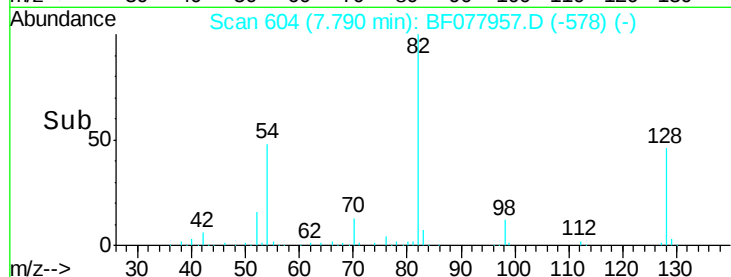
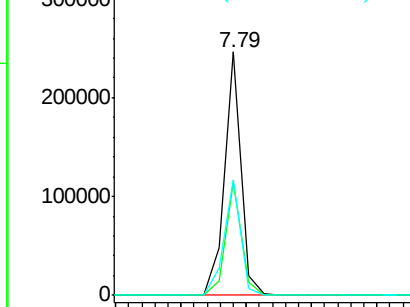
#23
 Nitrobenzene-d5
 Concen: 90.75 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 82 Resp: 217548
 Ion Ratio Lower Upper
 82 100
 128 46.4 32.8 49.2
 54 47.5 40.6 60.8

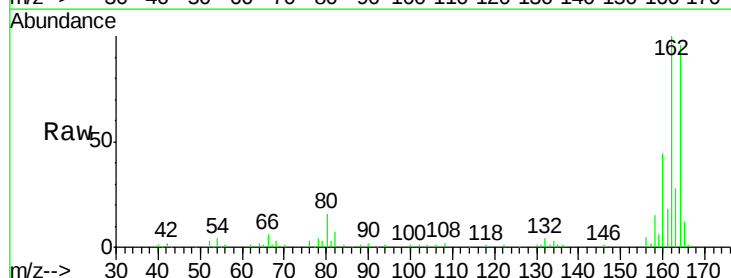


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

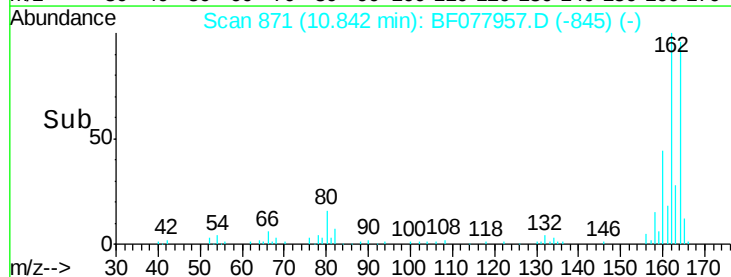
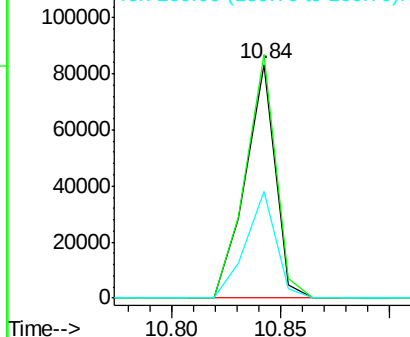


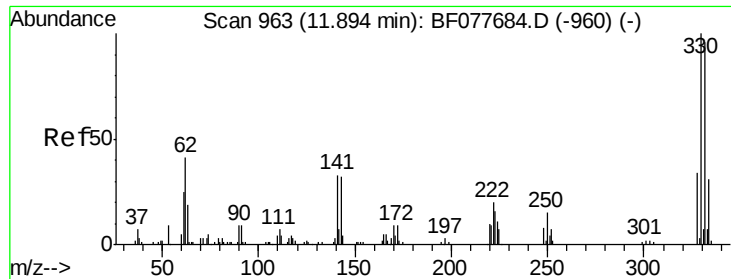
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Tgt Ion: 164 Resp: 79830
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.4 123.6
 160 45.8 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

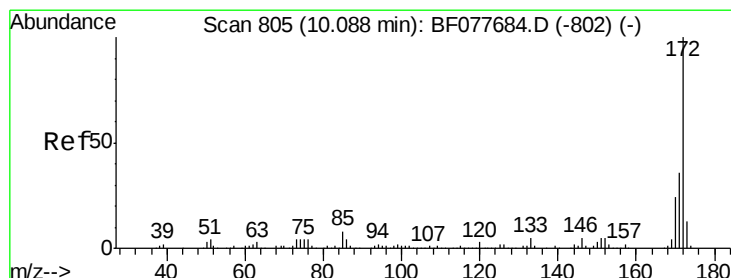
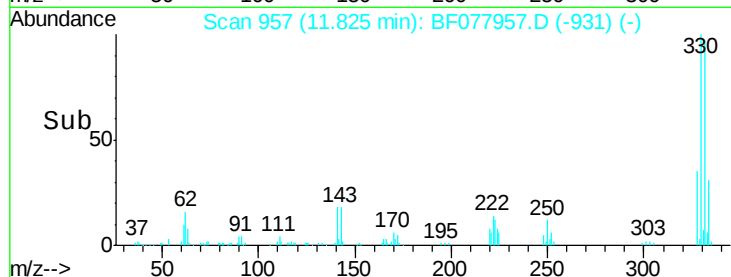
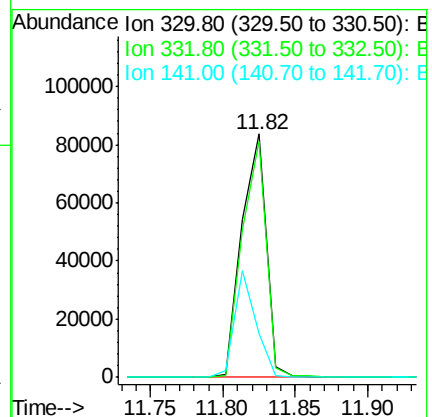
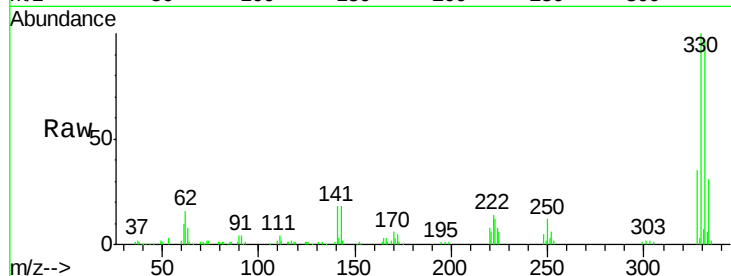




#41
 2,4,6-Tribromophenol
 Concen: 128.57 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

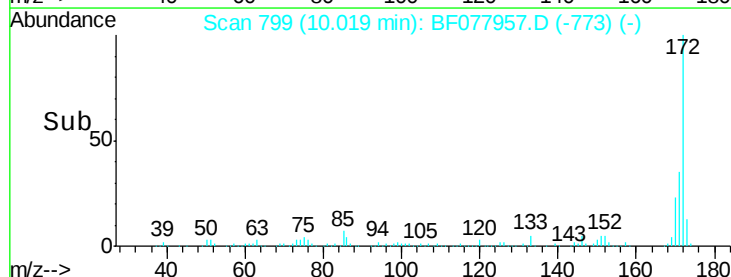
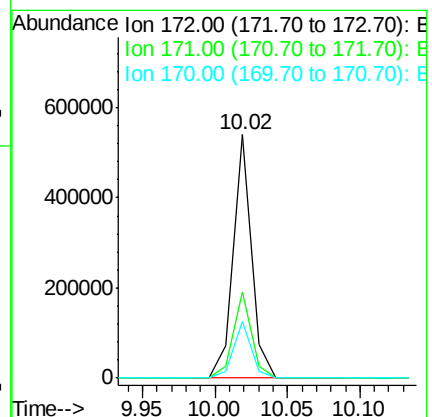
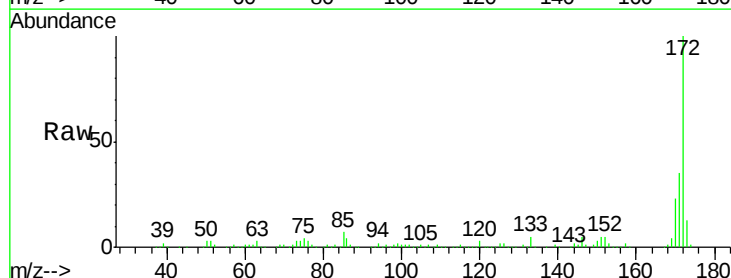
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

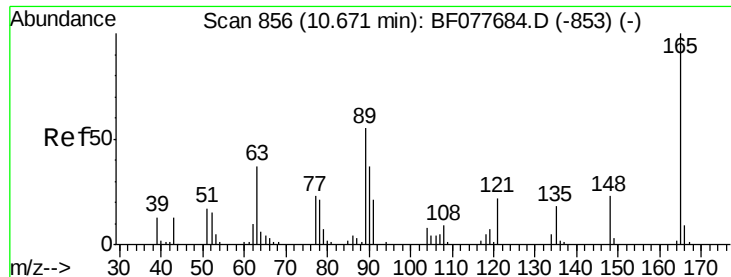
Tgt Ion:330 Resp: 98201
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 38.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.21 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Tgt Ion:172 Resp: 473709
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.2 18.8 28.2

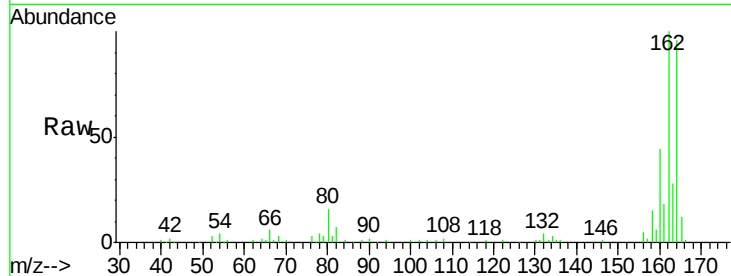




#50
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

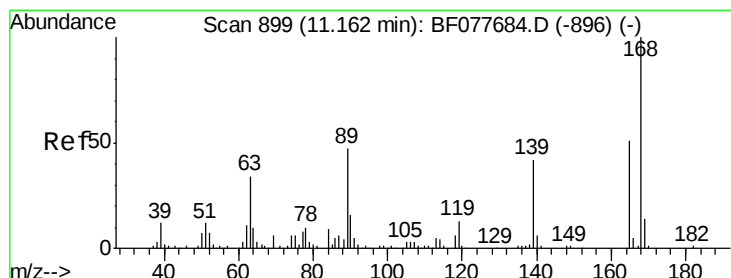
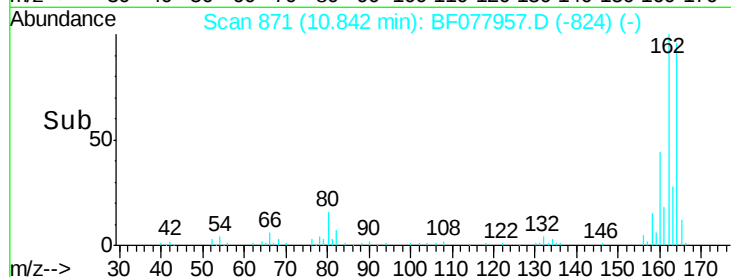
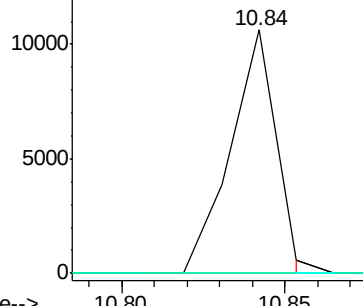
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 4.81 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.26 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

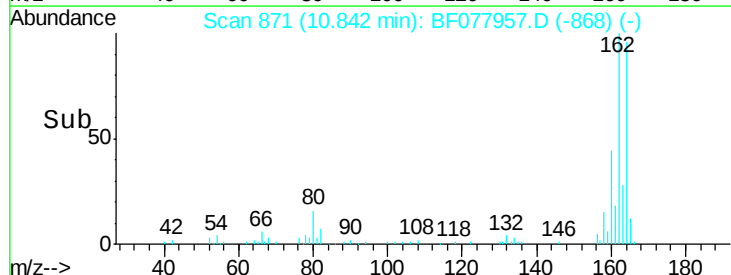
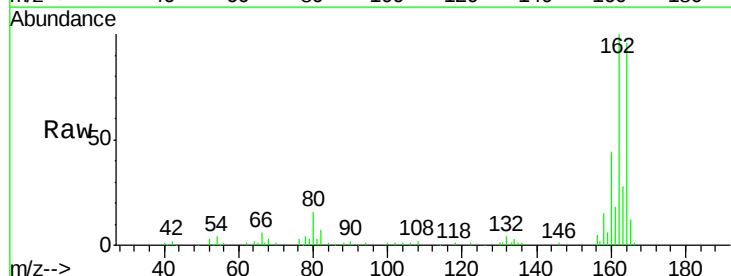
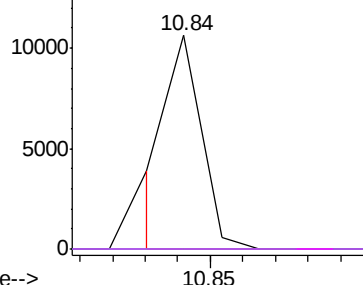
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

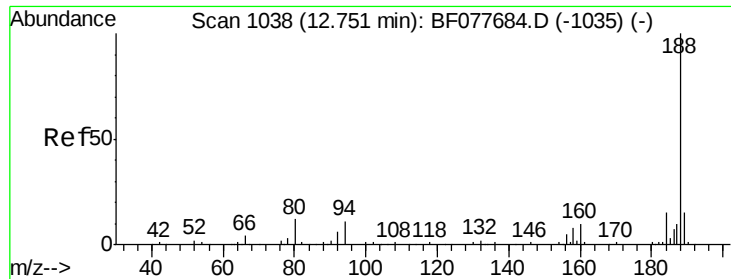
Abundance Ion 165.00 (164.70 to 165.70): E

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

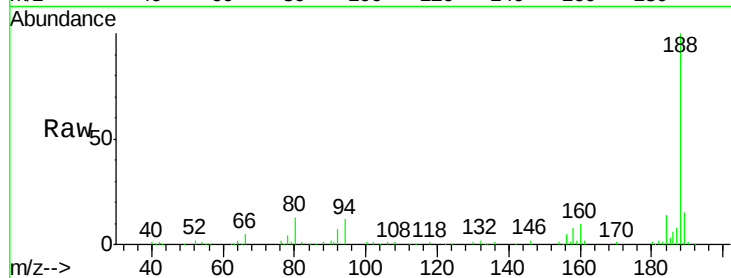




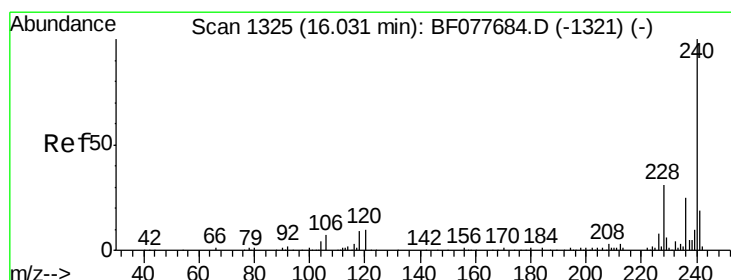
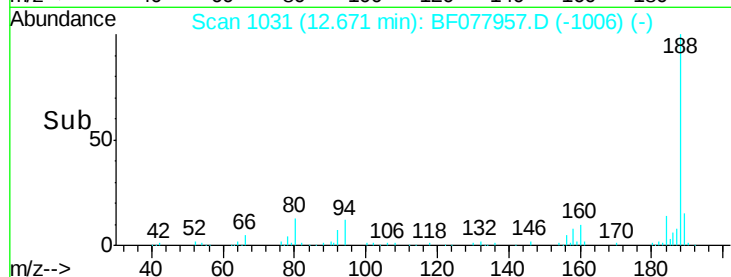
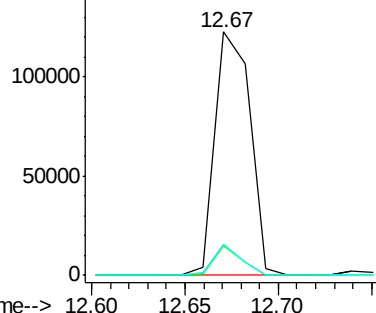
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 162902
Ion Ratio Lower Upper
188 100
94 12.3 8.7 13.1
80 13.0 9.3 13.9

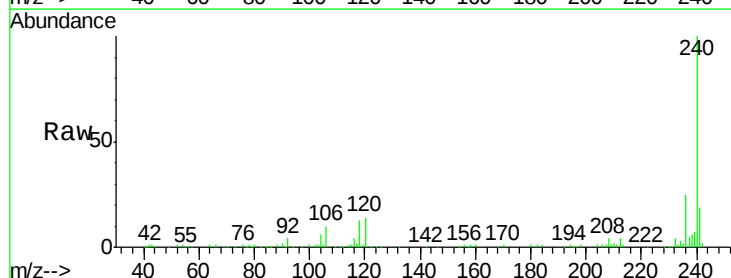


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

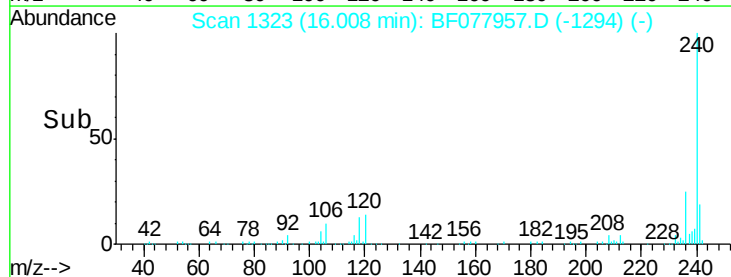
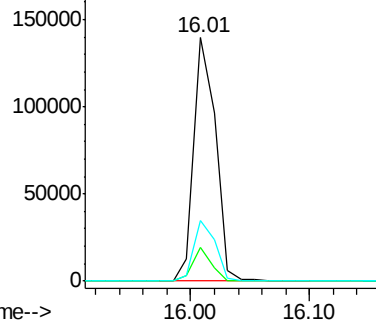


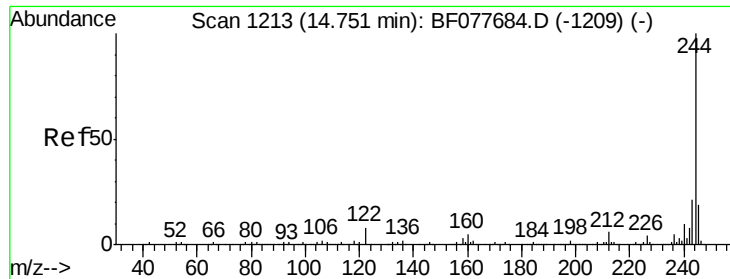
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:240 Resp: 177093
Ion Ratio Lower Upper
240 100
120 14.0 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

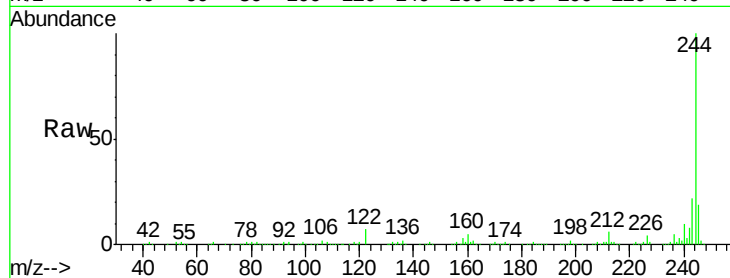




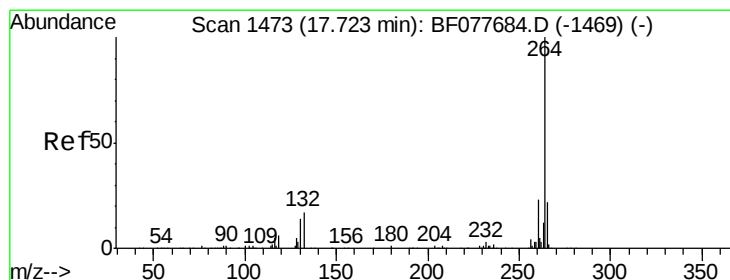
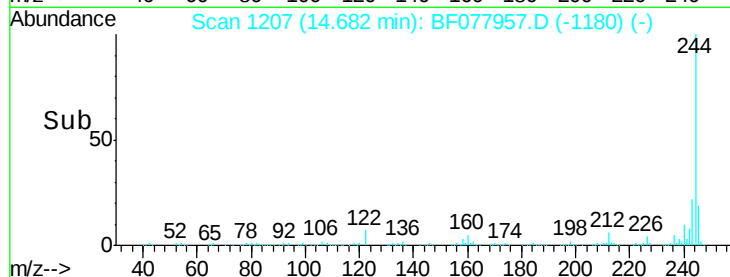
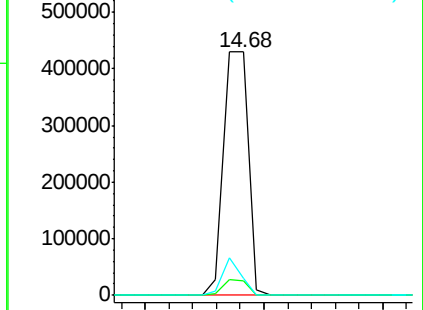
#78
 Terphenyl-d14
 Concen: 85.21 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion: 244 Resp: 617748
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.9 7.3
 122 7.0 6.2 9.4

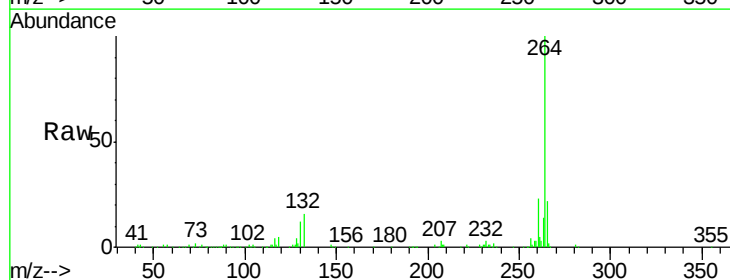


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1490
 Delta R.T. 0.17 min
 Lab File: BF077957.D
 Acq: 25 Mar 2015 17:59

Tgt Ion: 264 Resp: 173679
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.9 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

