

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
 Data File : BF083399.D
 Acq On : 2 Dec 2015 4:36
 Operator : UM/IZ
 Sample : G4587-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Quant Time: Dec 02 05:02:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

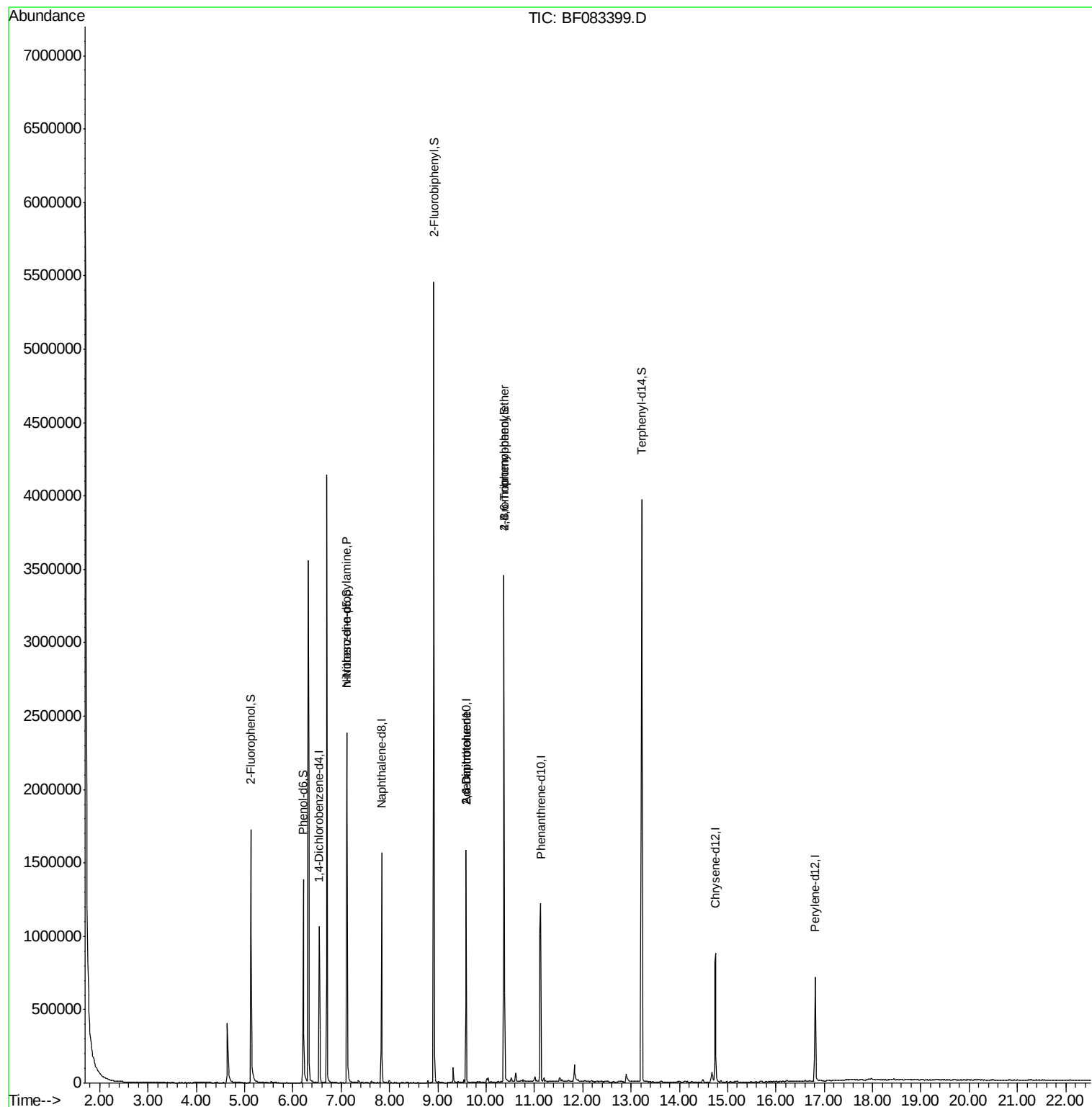
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	163391	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	657704	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	332526	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	631700	20.00	ng	0.00
75) Chrysene-d12	14.75	240	516669	20.00	ng	-0.01
86) Perylene-d12	16.81	264	435055	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	629313	57.79	ng	0.00
7) Phenol-d6	6.21	99	516689	34.67	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1170619	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	388760	116.46	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2009311	86.11	ng	0.00
78) Terphenyl-d14	13.22	244	2010688	92.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	152343	14.30	ng	# 85
50) 2,6-Dinitrotoluene	9.58	165	42758	7.41	ng	# 19
56) 2,4-Dinitrotoluene	9.58	165	42758	5.84	ng	# 6
66) 4-Bromophenyl-phenylether	10.37	248	23521	3.40	ng	# 1

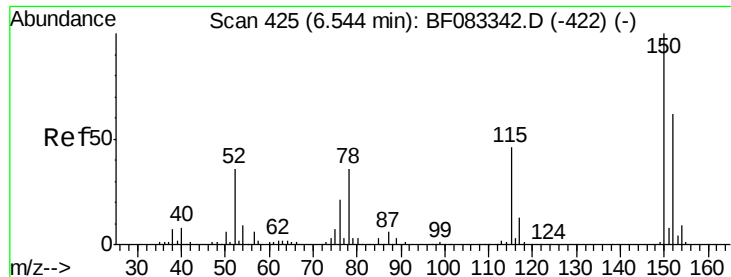
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120115\
Data File : BF083399.D
Acq On : 2 Dec 2015 4:36
Operator : UM/IZ
Sample : G4587-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-105

Quant Time: Dec 02 05:02:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

Instrument :

BNA_F

ClientSampleId :

MW-105

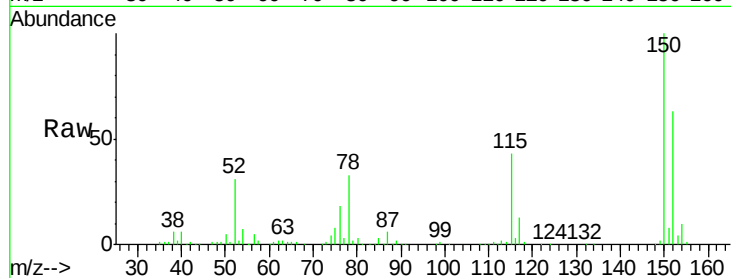
Tgt Ion:152 Resp: 163391

Ion Ratio Lower Upper

152 100

150 158.3 129.8 194.8

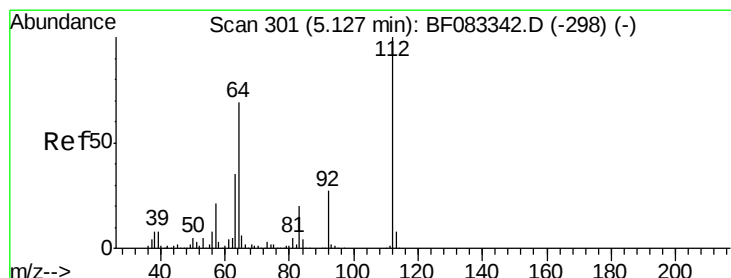
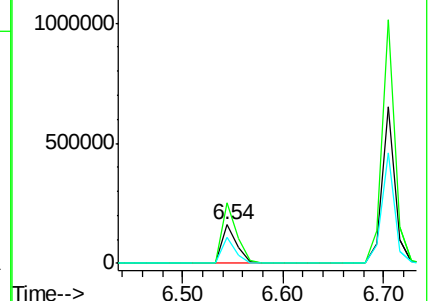
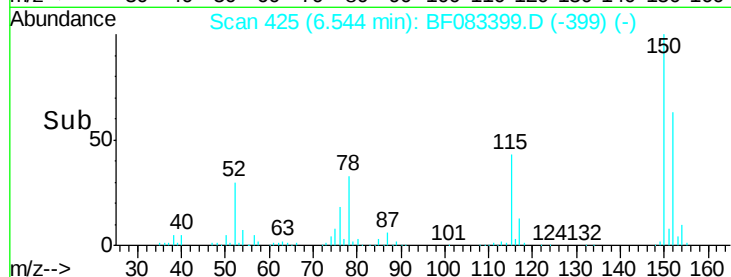
115 68.1 59.2 88.8



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: 57.79 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

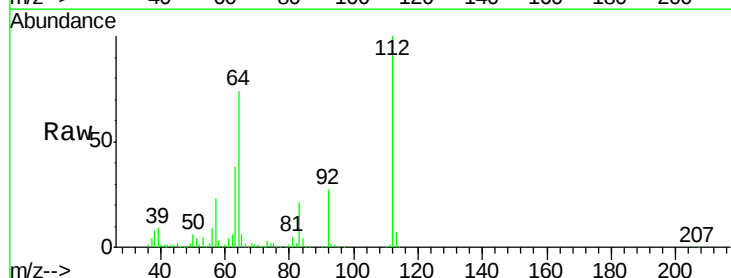
Tgt Ion:112 Resp: 629313

Ion Ratio Lower Upper

112 100

64 74.0 55.6 83.4

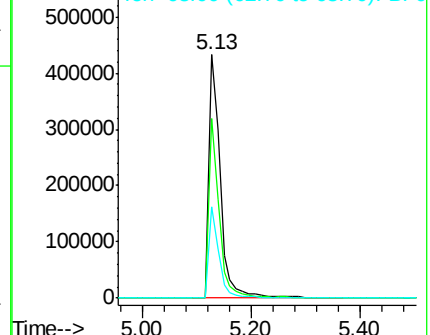
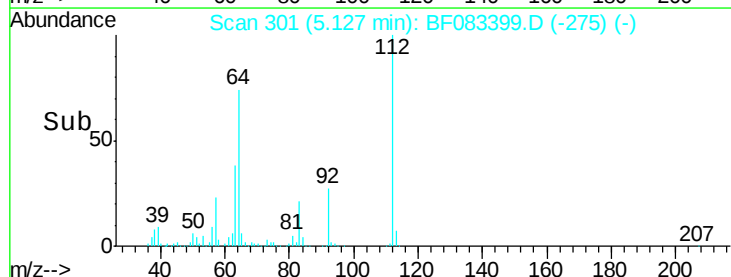
63 37.8 28.2 42.2

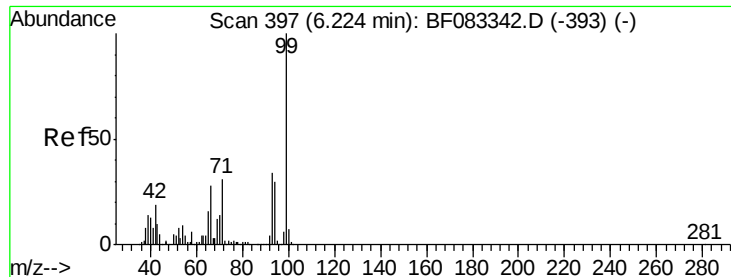


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.67 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

Instrument :

BNA_F

ClientSampleId :

MW-105

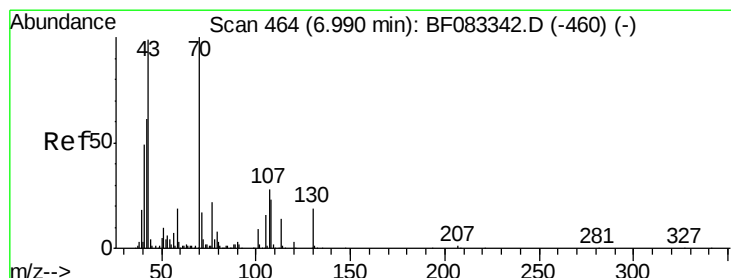
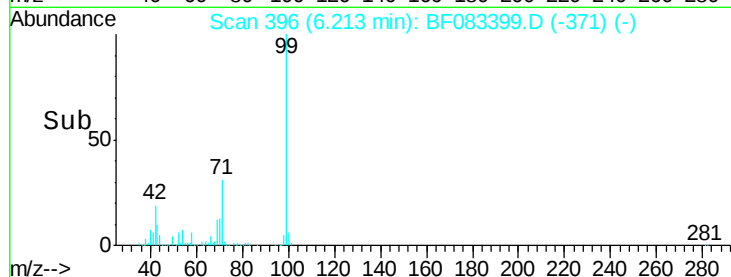
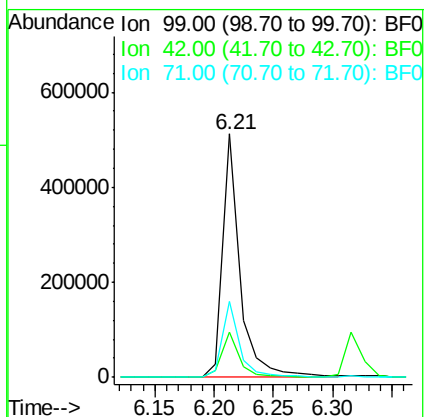
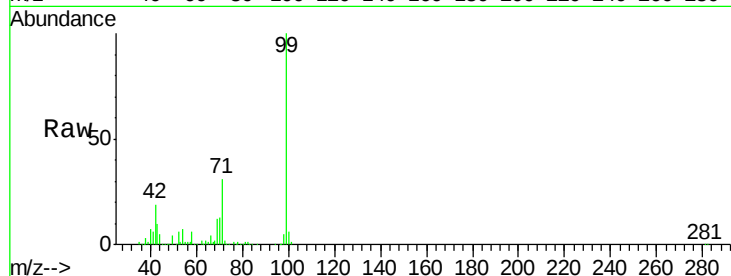
Tgt Ion: 99 Resp: 51689

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

71 31.4 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.30 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

Tgt Ion: 70 Resp: 152343

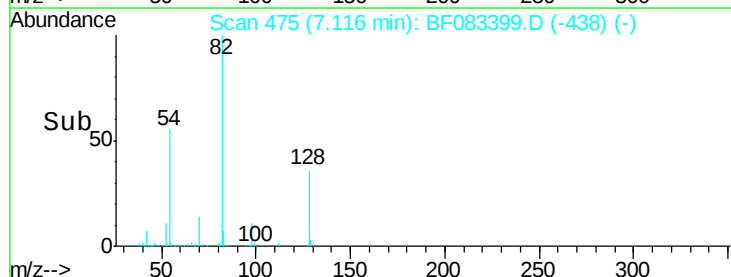
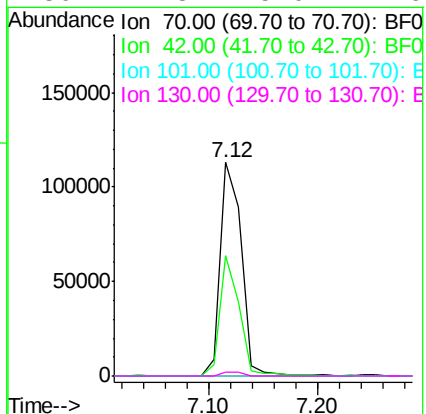
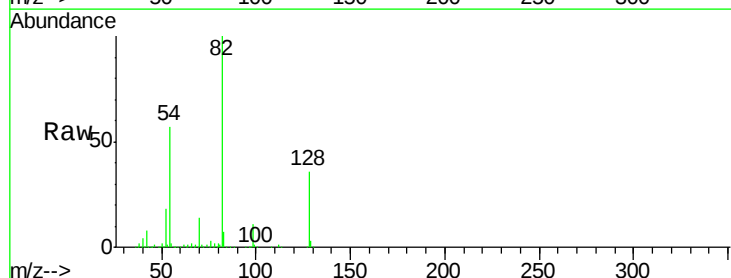
Ion Ratio Lower Upper

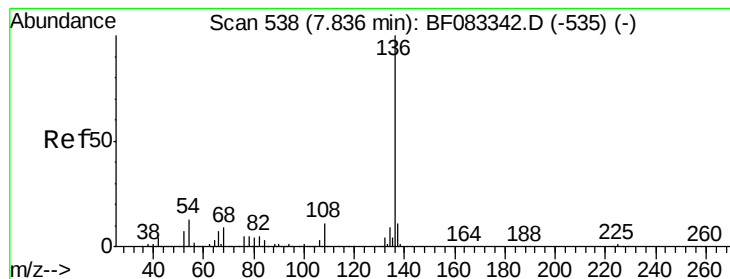
70 100

42 56.4 48.8 73.2

101 0.0 7.1 10.7#

130 1.8 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

Instrument :

BNA_F

ClientSampleId :

MW-105

Tgt Ion: 136 Resp: 657704

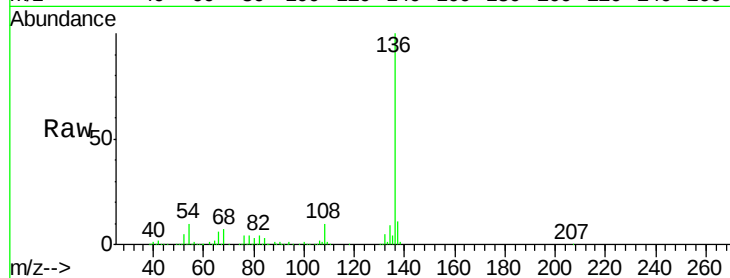
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.6 10.1 15.1#

68 7.2 7.1 10.7

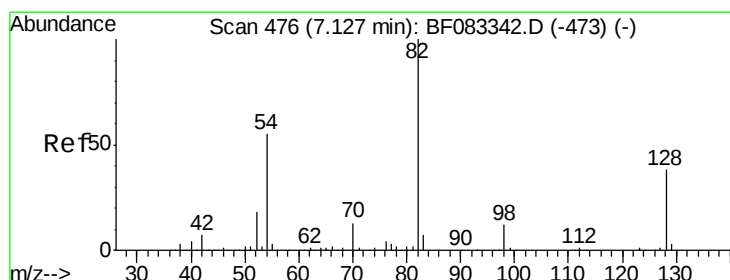
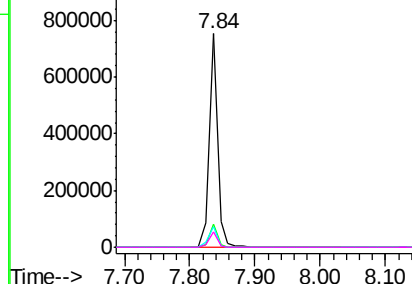
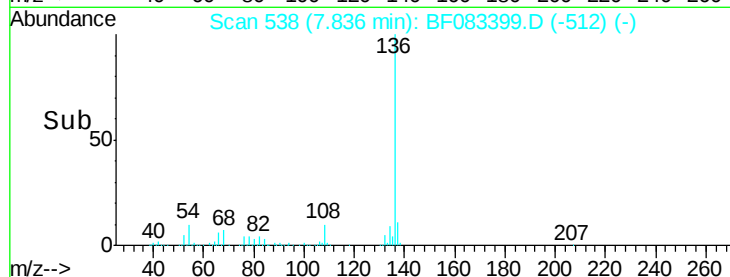


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.24 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083399.D

Acq: 2 Dec 2015 4:36

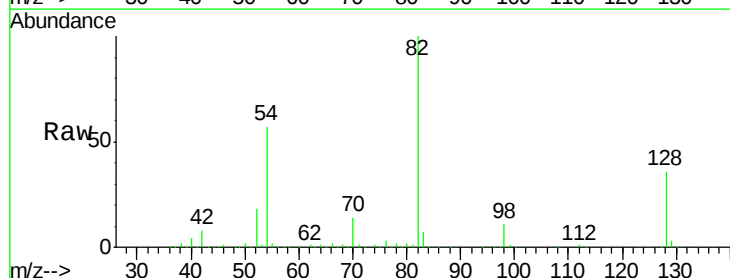
Tgt Ion: 82 Resp: 1170619

Ion Ratio Lower Upper

82 100

128 35.6 30.6 46.0

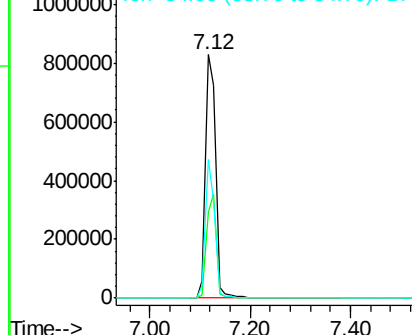
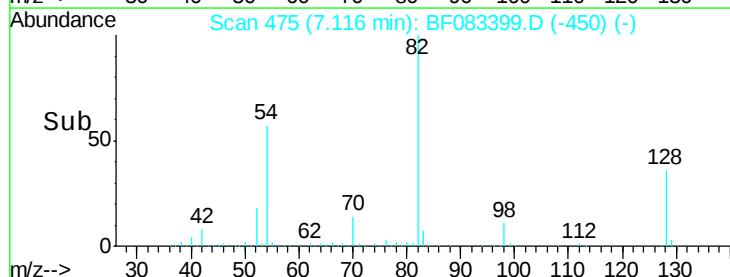
54 56.9 43.8 65.6

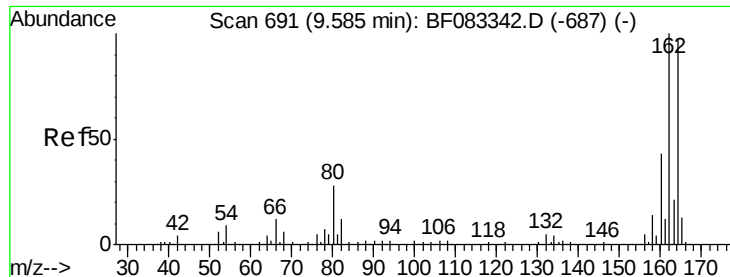


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

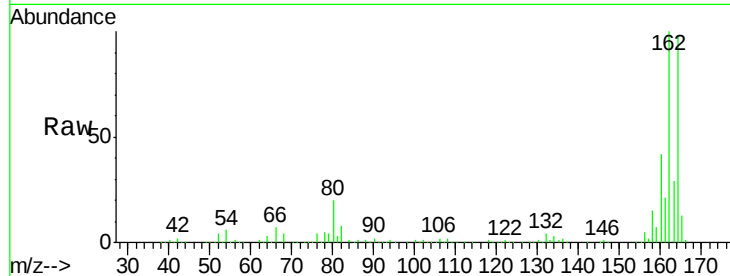




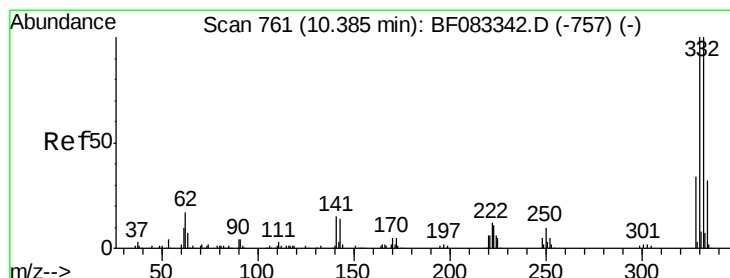
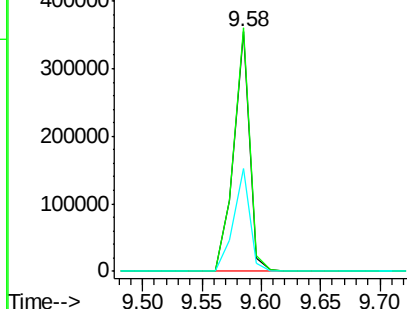
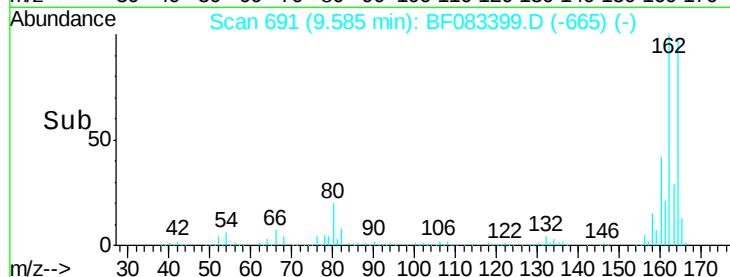
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:164 Resp: 332526
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 43.0 35.3 52.9

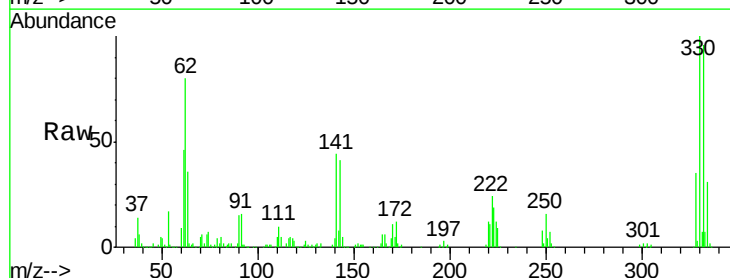


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

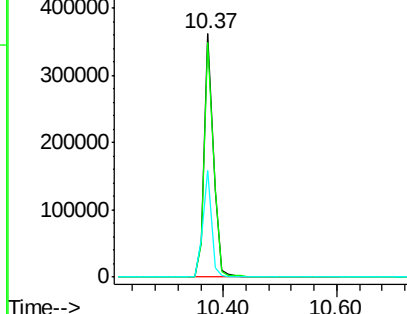
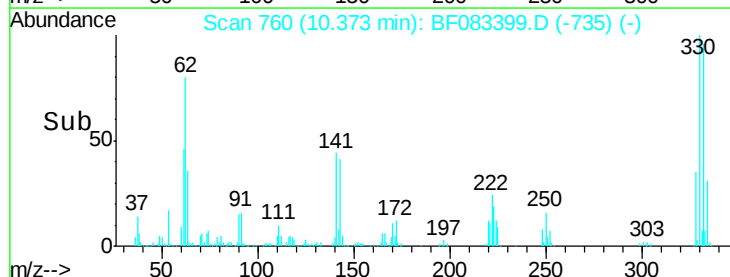


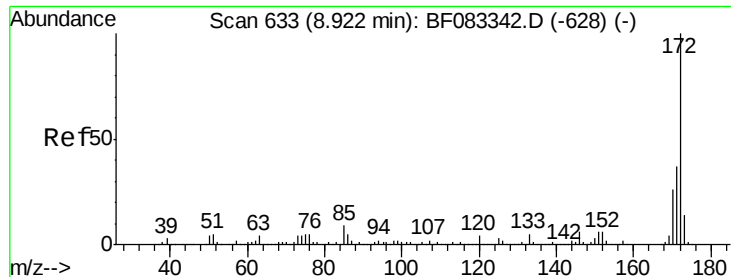
#41
 2,4,6-Tribromophenol
 Concen: 116.46 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Tgt Ion:330 Resp: 388760
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.8 116.6
 141 41.4 29.4 44.0



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

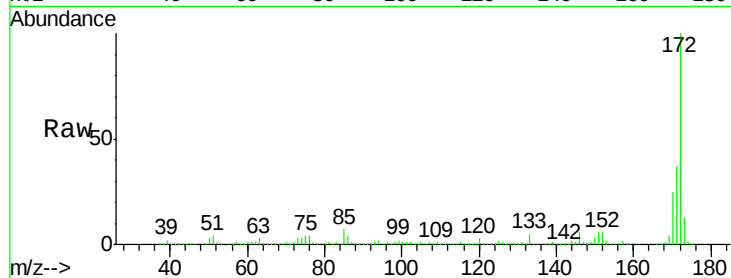




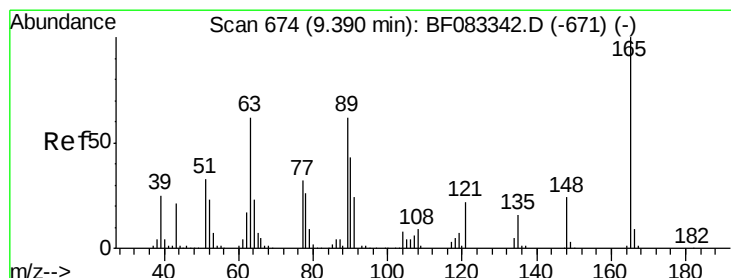
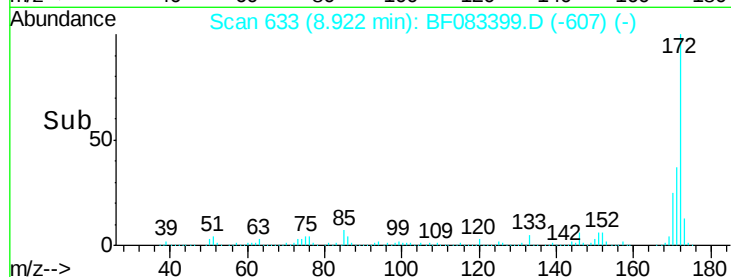
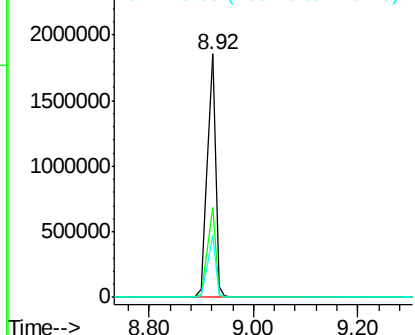
#44
 2-Fluorobiphenyl
 Concen: 86.11 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:172 Resp: 2009311
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.4 20.4 30.6

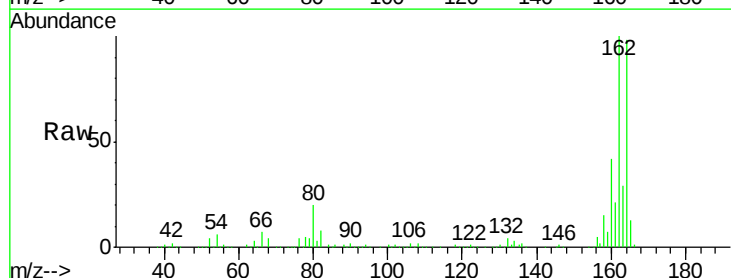


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

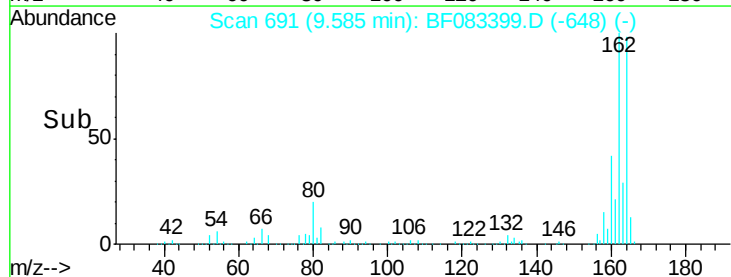
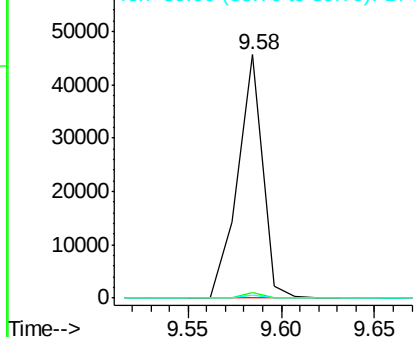


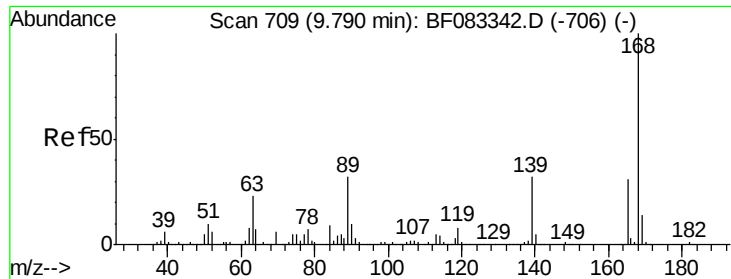
#50
 2,6-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Tgt Ion:165 Resp: 42758
 Ion Ratio Lower Upper
 165 100
 63 2.0 56.0 84.0#
 89 1.4 49.8 74.8#



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

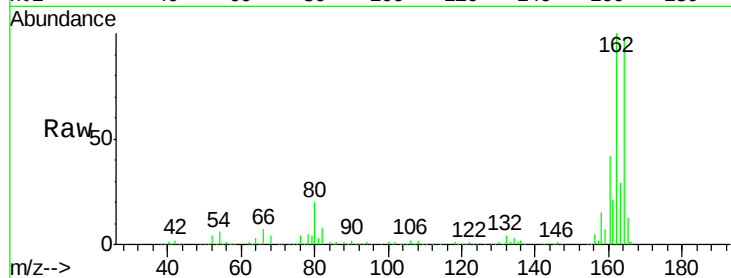




#56
 2,4-Dinitrotoluene
 Concen: 5.84 ng
 RT: 9.58 min Scan# 691
 Delta R.T. -0.21 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	65.4	98.0#
89	1.4	81.2	121.8#
182	0.0	1.8	2.8#

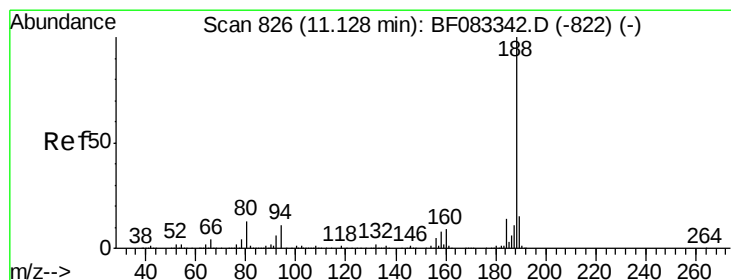
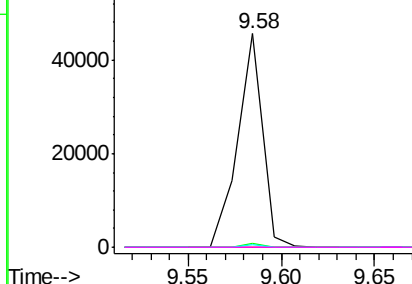
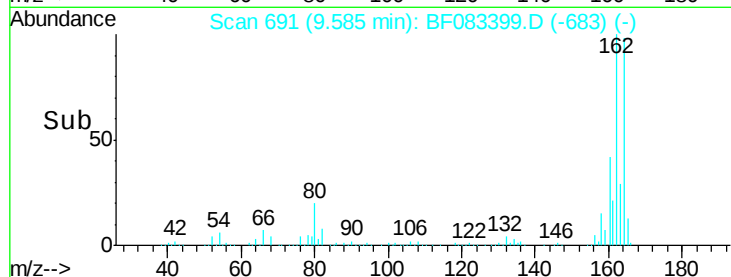


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

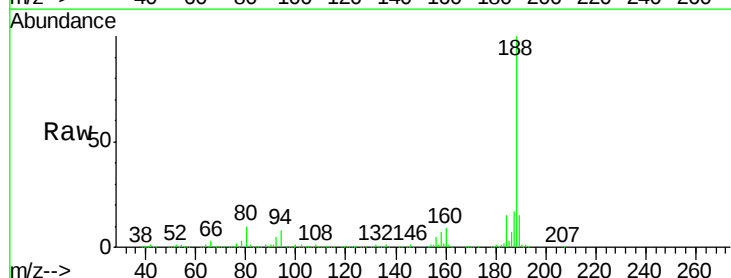
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

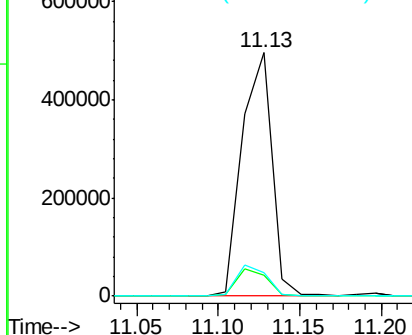
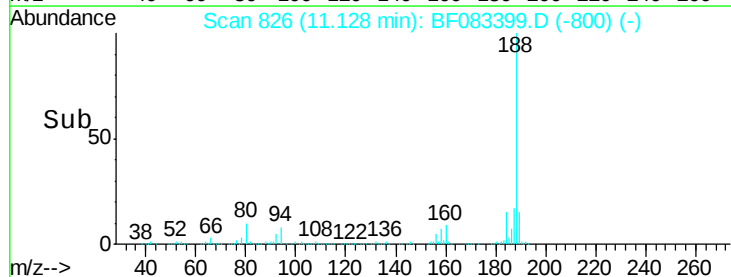
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.7	13.1#
80	9.7	10.3	15.5#

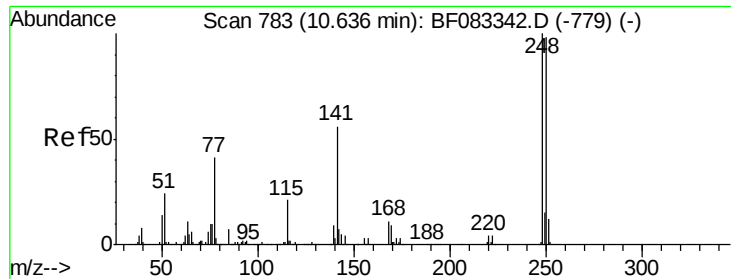


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

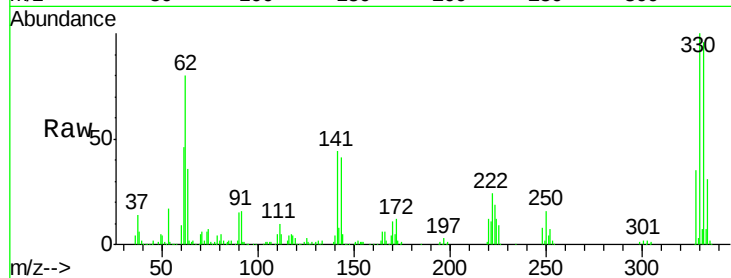




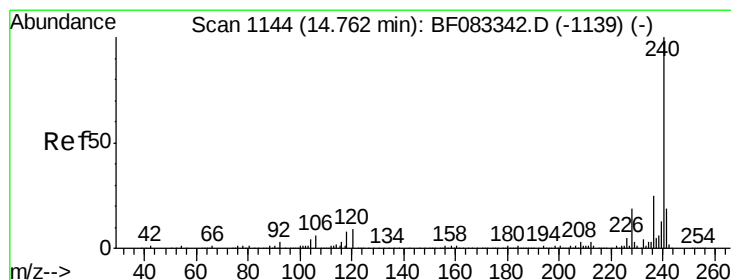
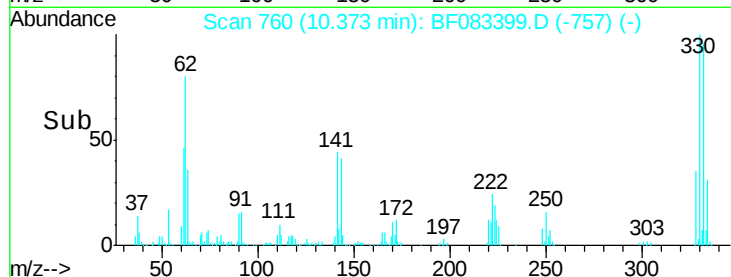
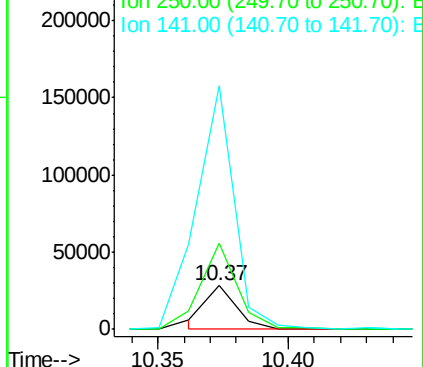
#66
 4-Bromophenyl-phenylether
 Concen: 3.40 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:248 Resp: 23521
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.6 118.0#
 141 555.3 44.4 66.6#

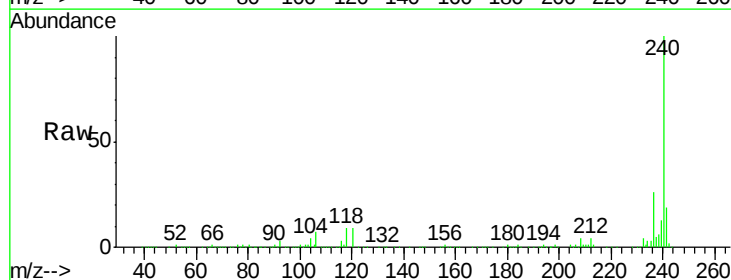


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

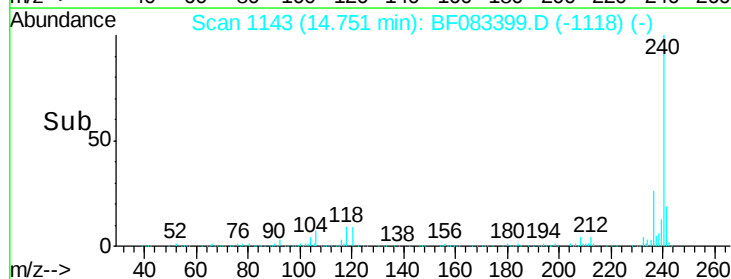
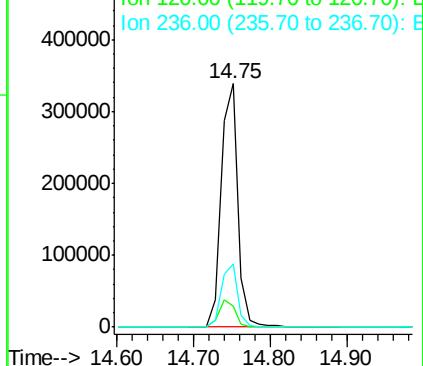


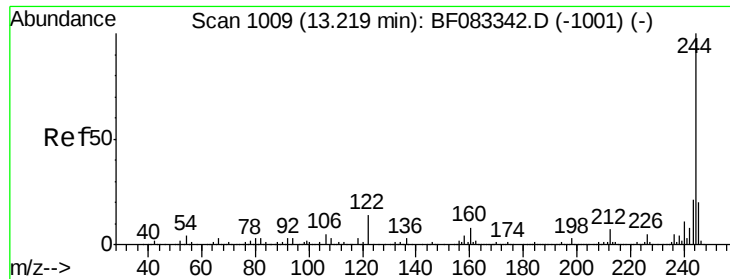
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Tgt Ion:240 Resp: 516669
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 26.0 19.8 29.6



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

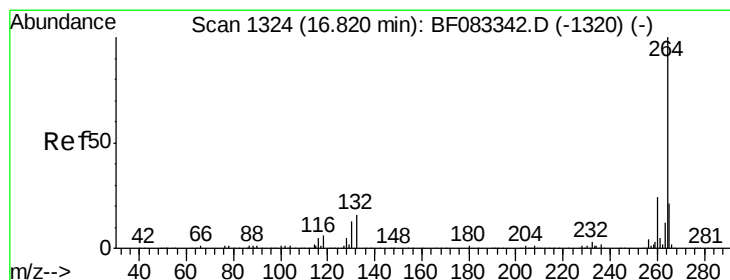
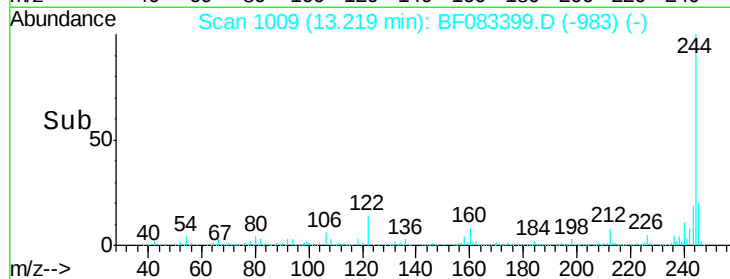
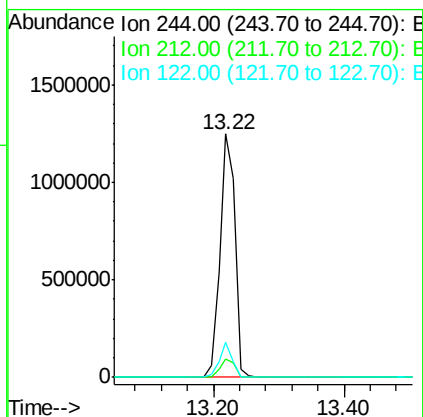
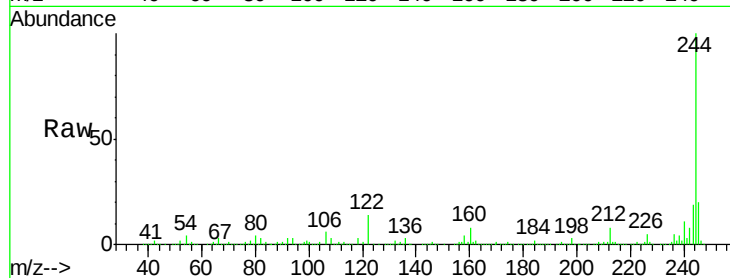




#78
 Terphenyl-d14
 Concen: 92.81 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-105

Tgt Ion:244 Resp: 2010688
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083399.D
 Acq: 2 Dec 2015 4:36

Tgt Ion:264 Resp: 435055
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.3 16.8 25.2

