

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083302.D
 Acq On : 26 Nov 2015 6:41
 Operator : UM/IZ
 Sample : G4553-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-U-B

Quant Time: Nov 26 07:27:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

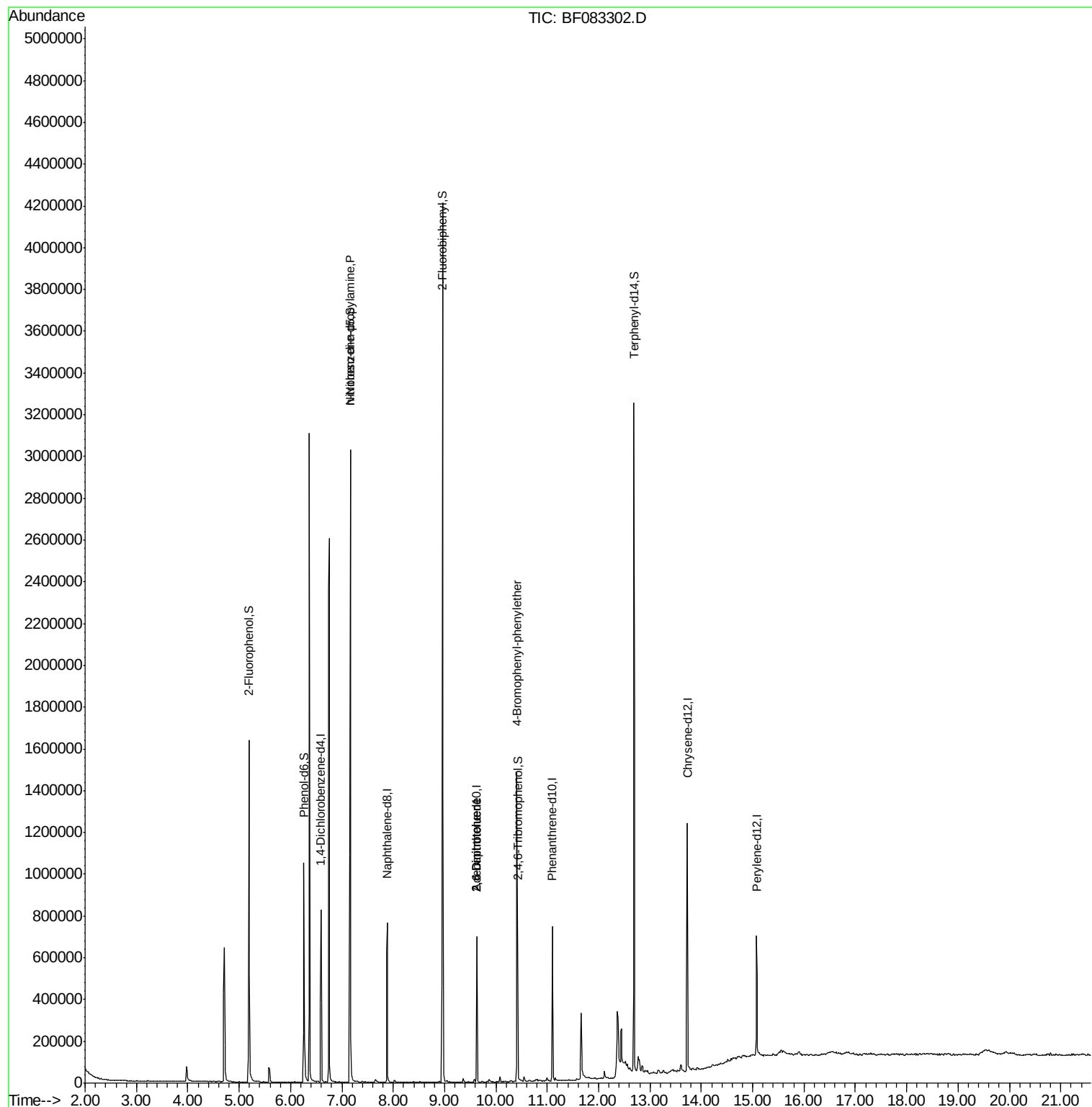
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	139223	20.00	ng	-0.07
21) Naphthalene-d8	7.88	136	471378	20.00	ng	-0.07
38) Acenaphthene-d10	9.62	164	194822	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	349221	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	389775	20.00	ng	-0.08
86) Perylene-d12	15.07	264	280188	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	472085	51.27	ng	-0.09
7) Phenol-d6	6.26	99	384768	32.29	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1070439	103.77	ng	-0.07
41) 2,4,6-Tribromophenol	10.42	330	184292	92.46	ng	-0.07
44) 2-Fluorobiphenyl	8.96	172	1406174	100.65	ng	-0.07
78) Terphenyl-d14	12.68	244	1222575	73.86	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	145067	17.49	ng	# 76
50) 2,6-Dinitrotoluene	9.62	165	23700	7.04	ng	# 14
56) 2,4-Dinitrotoluene	9.62	165	23701	5.56	ng	# 11
66) 4-Bromophenyl-phenylether	10.41	248	12176	3.14	ng	# 1

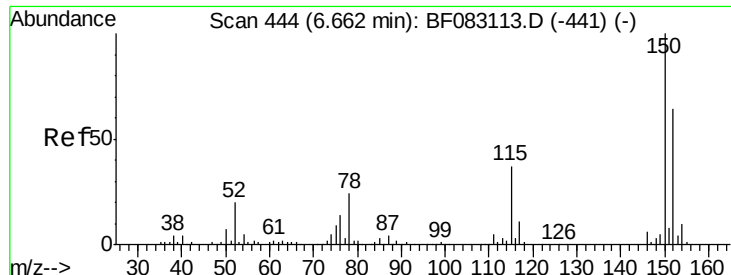
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083302.D
Acq On : 26 Nov 2015 6:41
Operator : UM/IZ
Sample : G4553-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
112115-A263-E-U-B

Quant Time: Nov 26 07:27:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

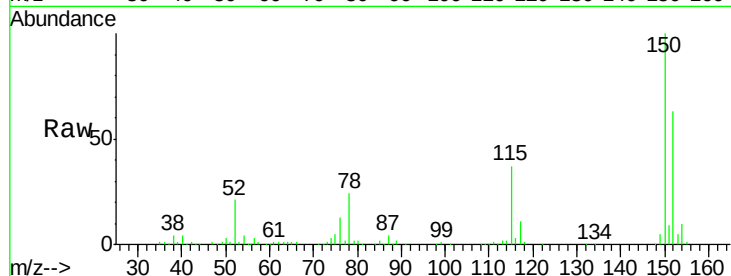




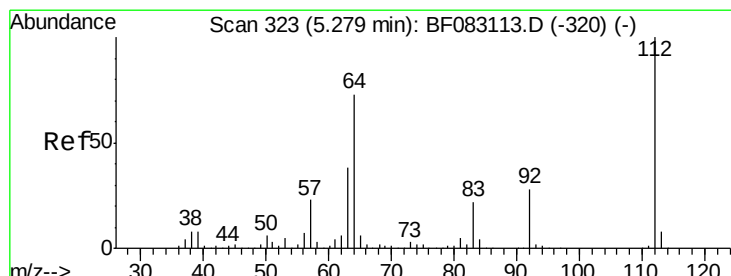
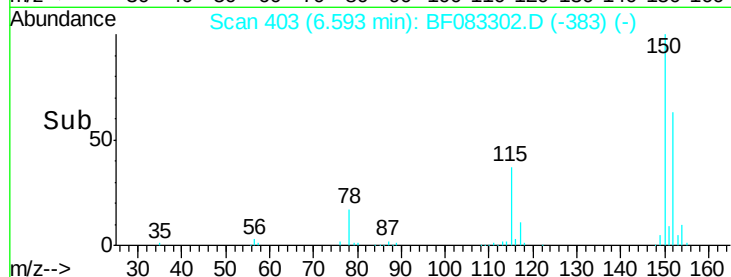
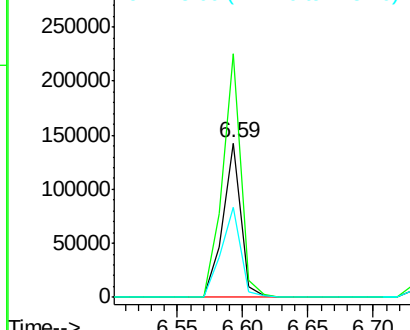
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-U-B

Tgt Ion:152 Resp: 139223
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.8 188.8
 115 58.4 46.9 70.3

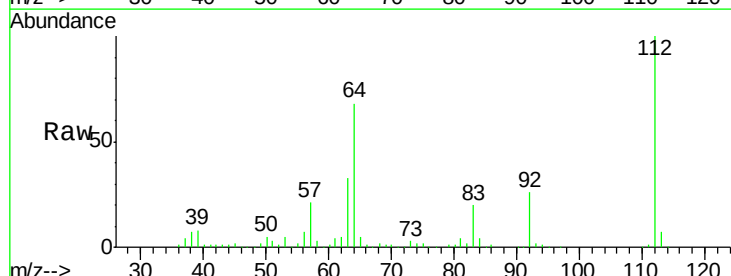


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

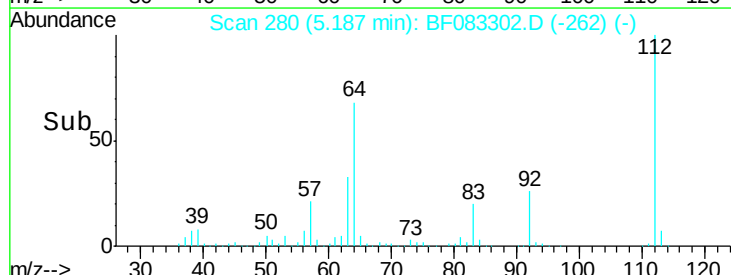
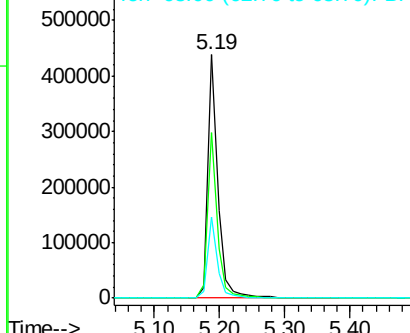


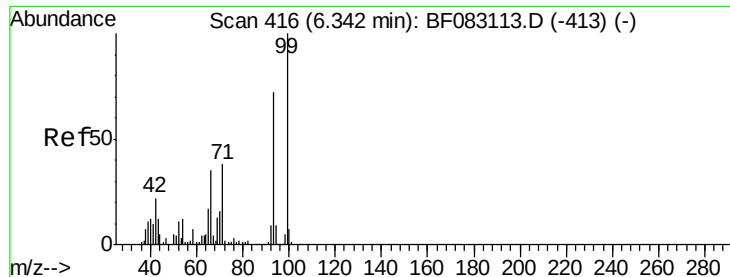
#5
 2-Fluorophenol
 Concen: 51.27 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Tgt Ion:112 Resp: 472085
 Ion Ratio Lower Upper
 112 100
 64 68.2 58.4 87.6
 63 33.3 30.0 45.0



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: 32.29 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-U-B

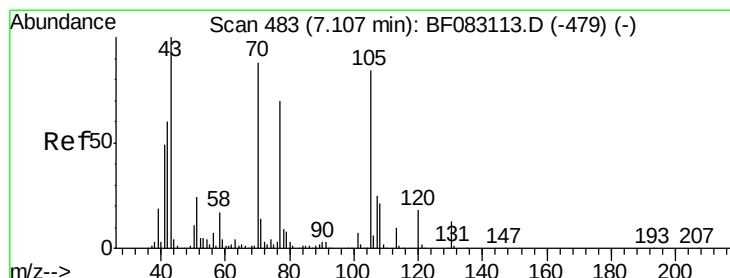
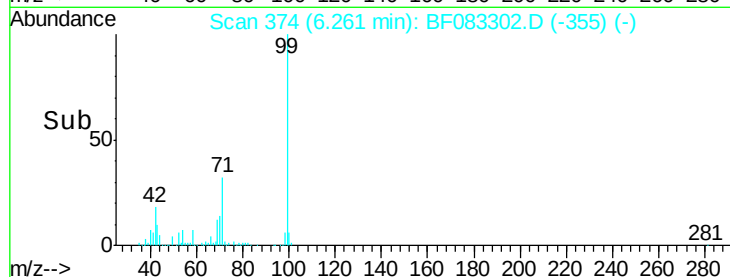
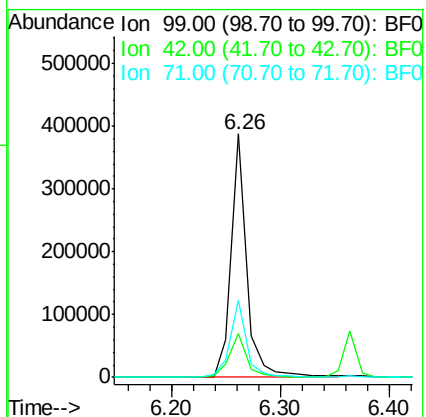
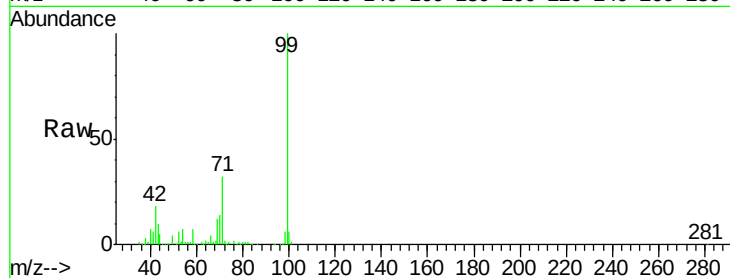
Tgt Ion: 99 Resp: 384768

Ion Ratio Lower Upper

99 100

42 18.1 17.7 26.5

71 31.8 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.49 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

Tgt Ion: 70 Resp: 145067

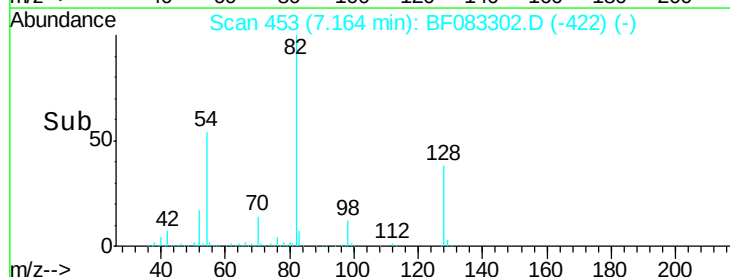
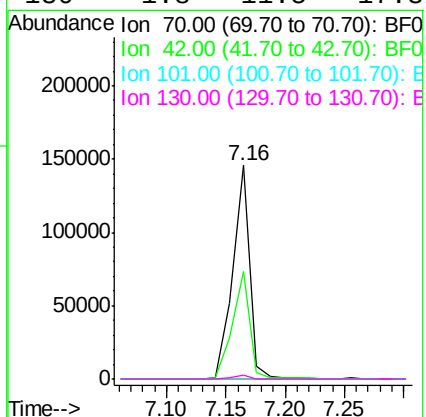
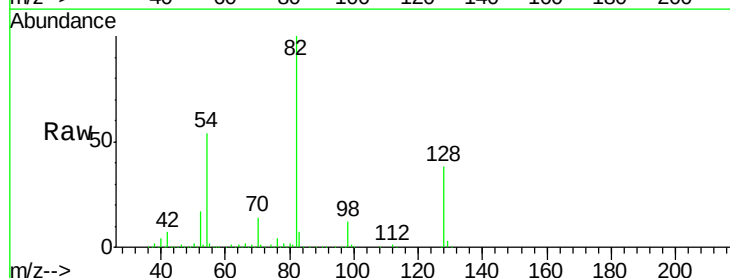
Ion Ratio Lower Upper

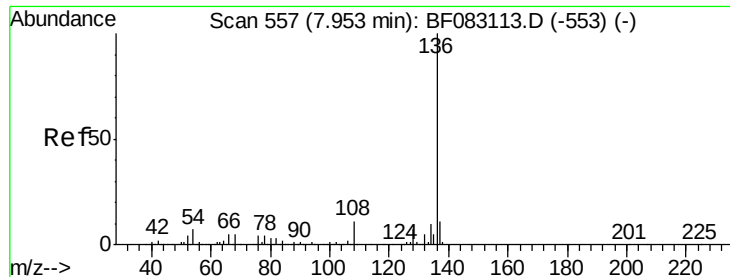
70 100

42 50.3 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 516

Delta R.T. -0.07 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-U-B

Tgt Ion:136 Resp: 471378

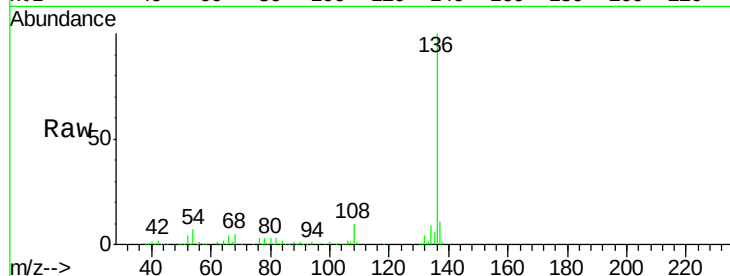
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.5 5.8 8.6

68 5.4 3.8 5.8

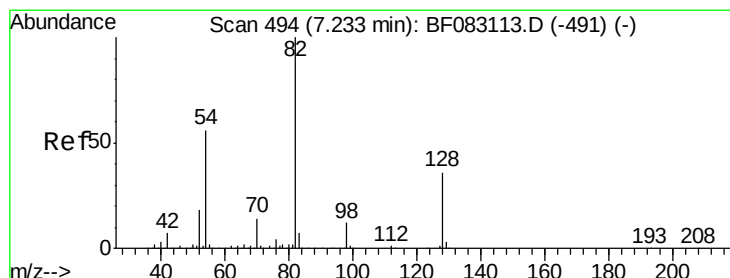
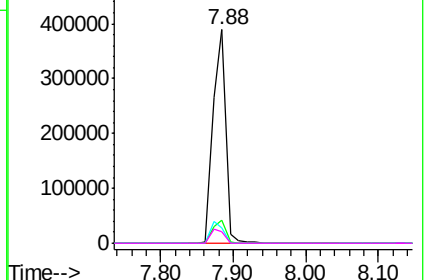
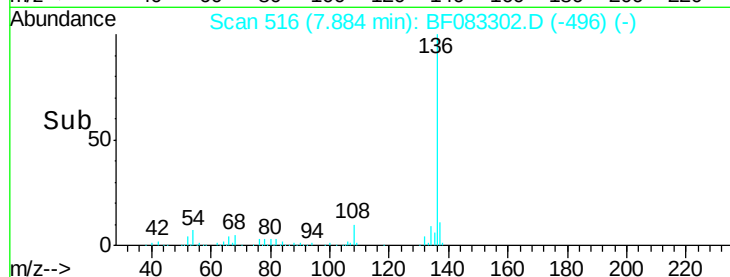


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.77 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

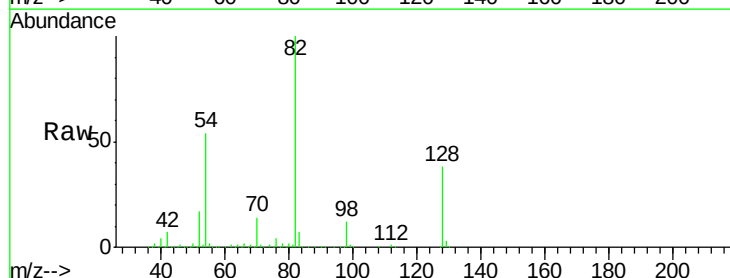
Tgt Ion: 82 Resp: 1070439

Ion Ratio Lower Upper

82 100

128 38.1 28.5 42.7

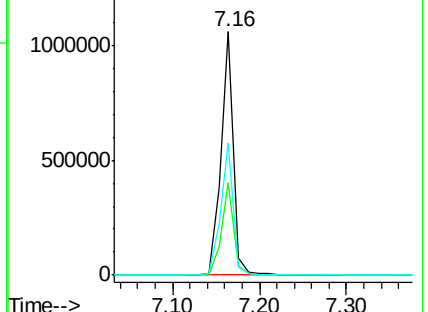
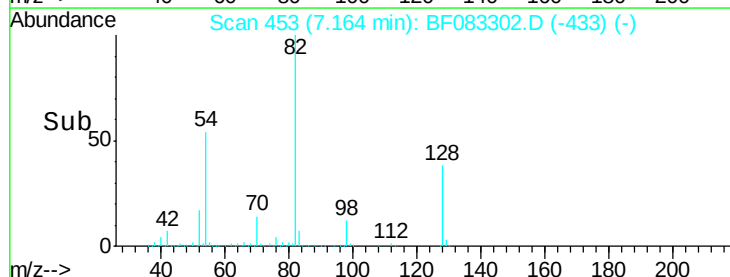
54 54.2 44.6 67.0

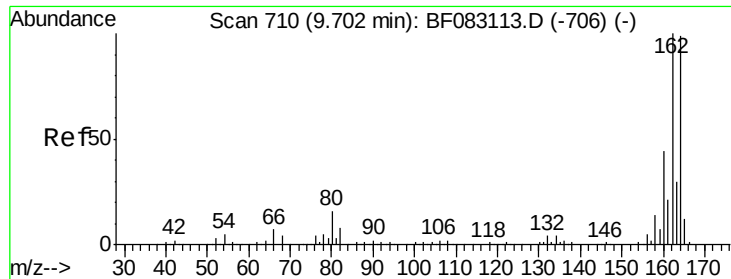


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-U-B

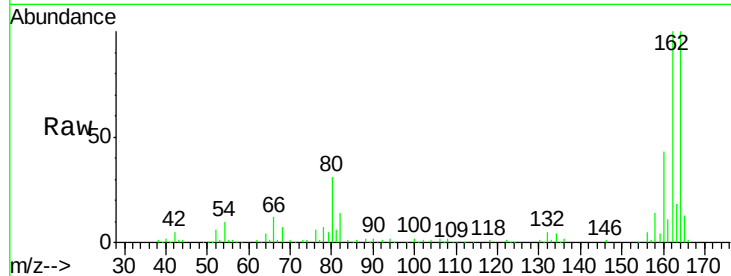
Tgt Ion:164 Resp: 194822

Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

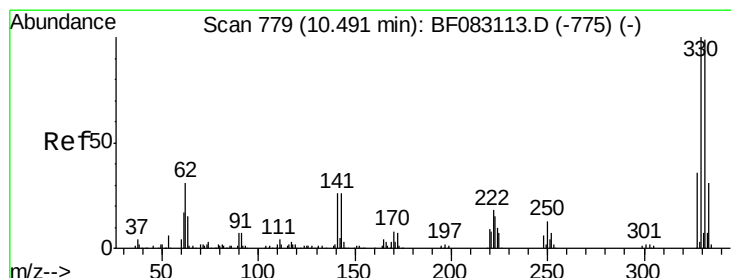
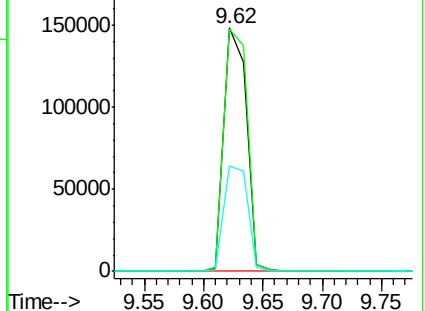
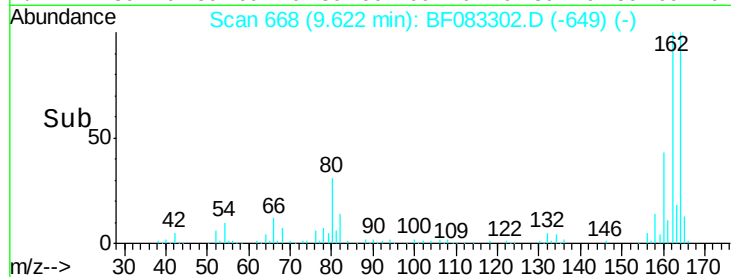
160 43.3 35.6 53.4



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: 92.46 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.07 min

Lab File: BF083302.D

Acq: 26 Nov 2015 6:41

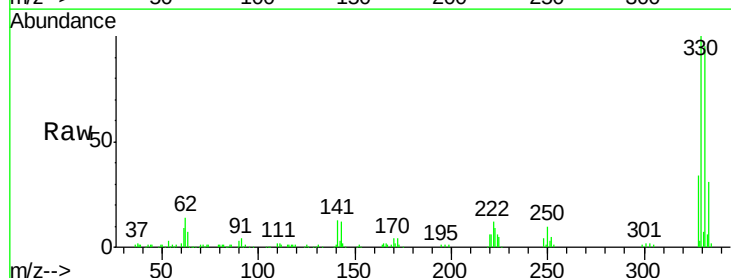
Tgt Ion:330 Resp: 184292

Ion Ratio Lower Upper

330 100

332 95.3 77.7 116.5

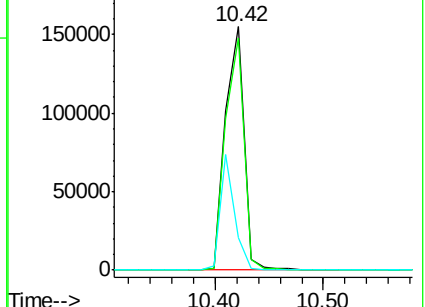
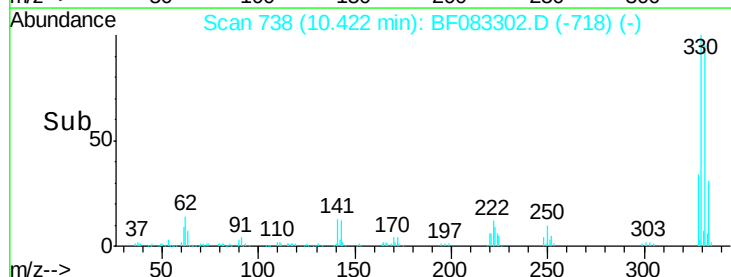
141 37.2 29.7 44.5

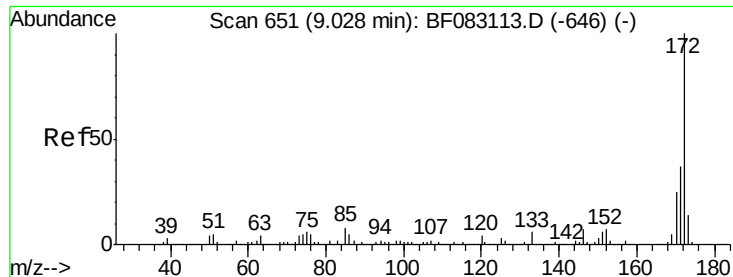


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

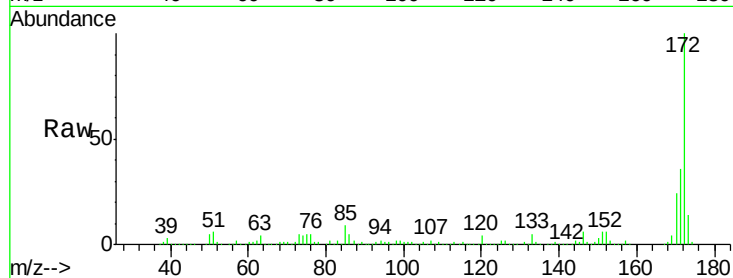




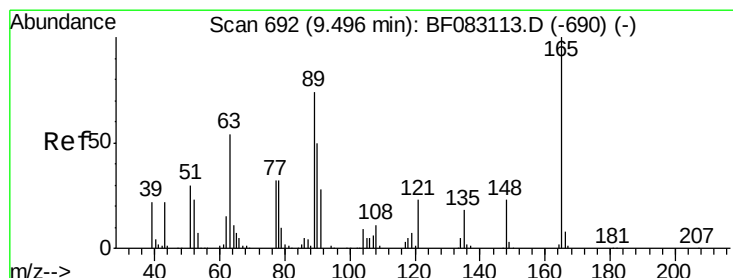
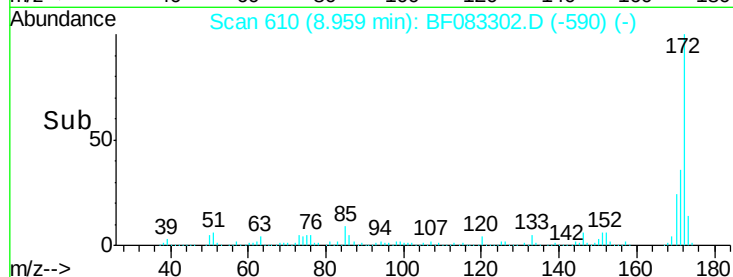
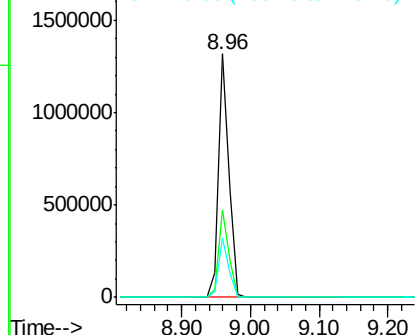
#44
 2-Fluorobiphenyl
 Concen: 100.65 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-U-B

Tgt Ion:172 Resp: 1406174
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.5 44.3
 170 24.2 19.9 29.9

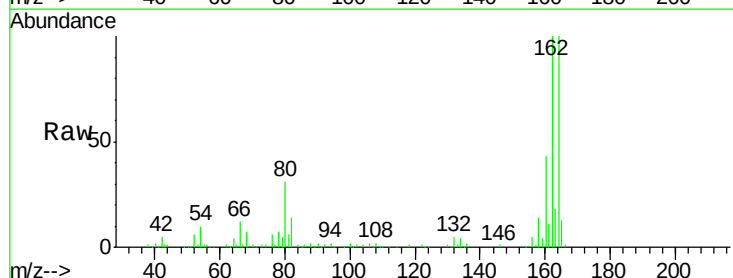


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

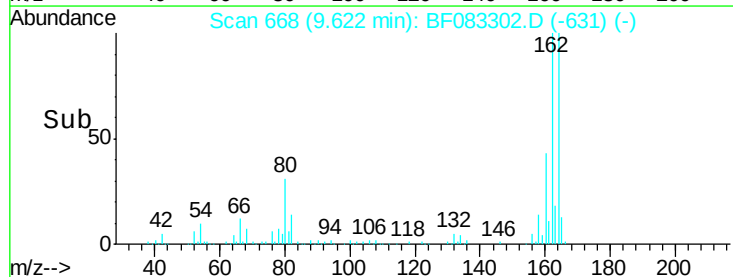
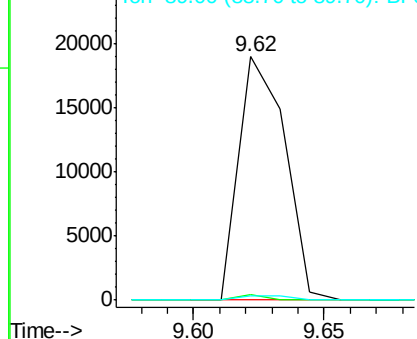


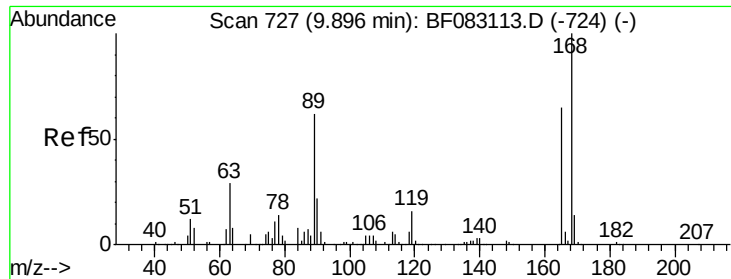
#50
 2,6-Dinitrotoluene
 Concen: 7.04 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Tgt Ion:165 Resp: 23700
 Ion Ratio Lower Upper
 165 100
 63 2.1 62.5 93.7#
 89 1.8 59.1 88.7#



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

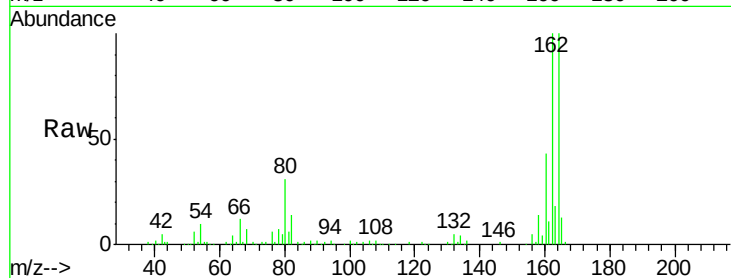




#56
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083302.D
Acq: 26 Nov 2015 6:41

Instrument :
BNA_F
ClientSampleId :
112115-A263-E-U-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	54.5	81.7#
89	1.8	77.3	115.9#
182	0.0	1.8	2.6#

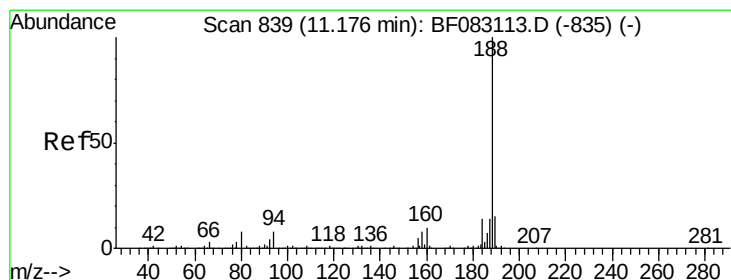
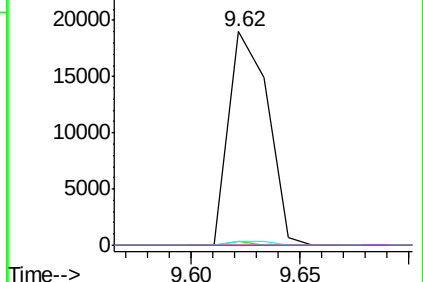
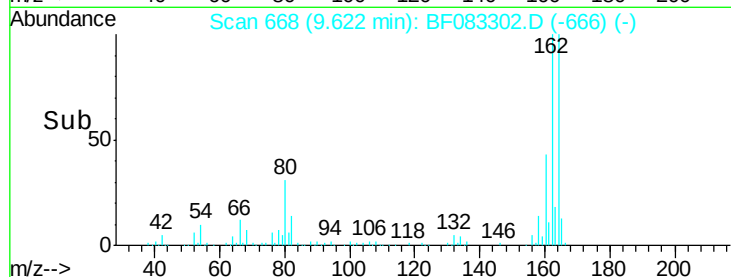


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

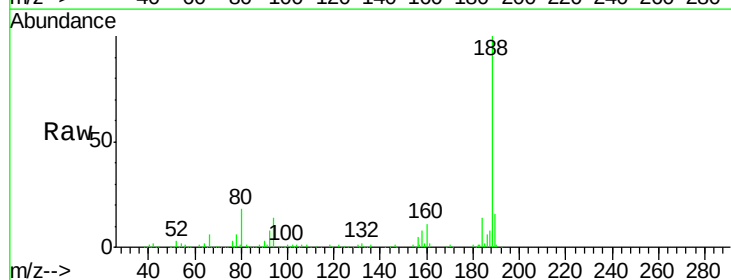
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083302.D
Acq: 26 Nov 2015 6:41

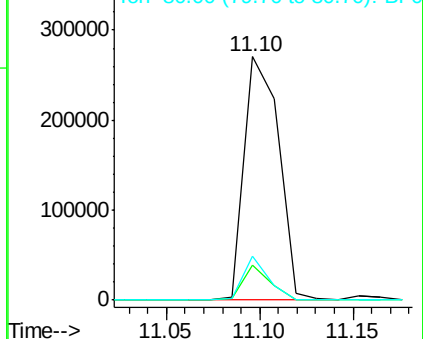
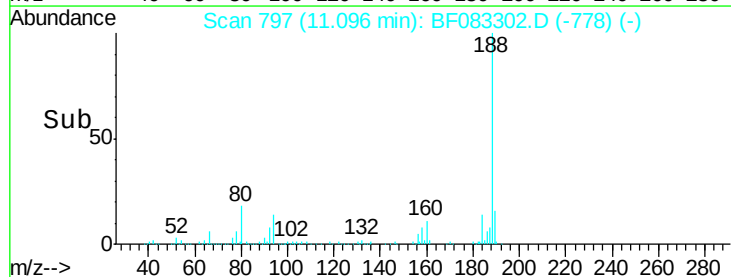
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.3	6.0	9.0#
80	17.9	6.7	10.1#

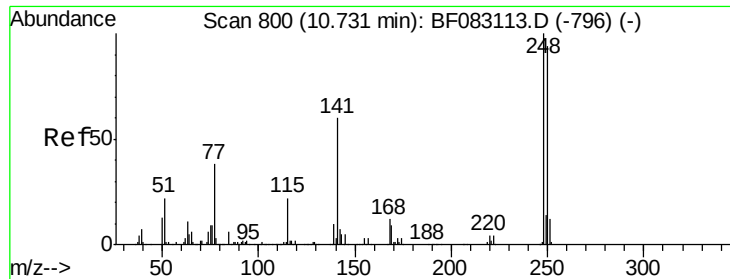


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

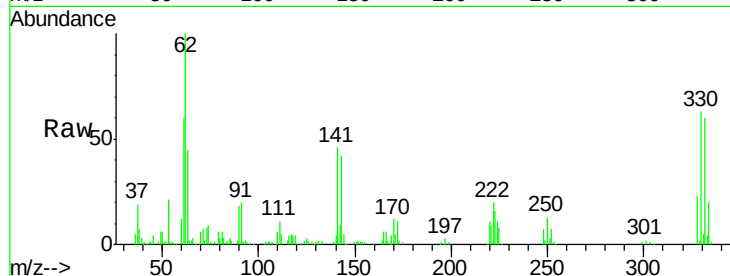




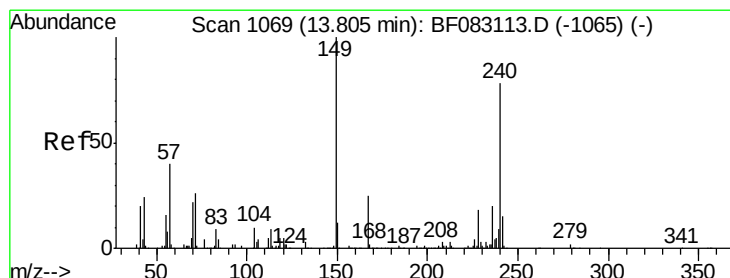
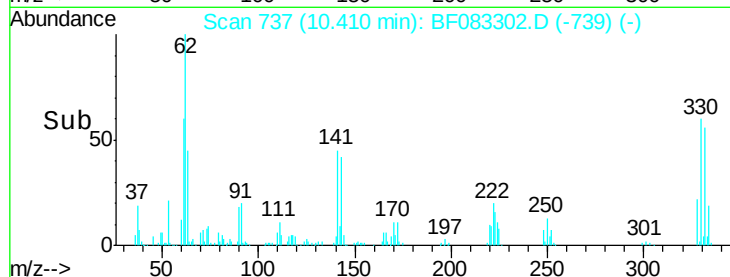
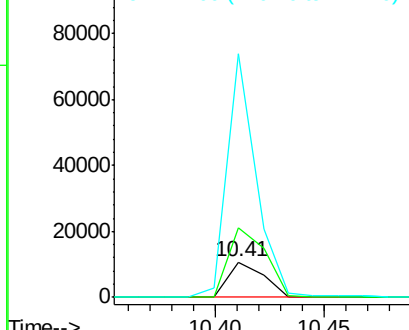
#66
 4-Bromophenyl-phenylether
 Concen: 3.14 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-U-B

Tgt Ion:248 Resp: 12176
 Ion Ratio Lower Upper
 248 100
 250 198.7 75.4 113.2#
 141 689.4 48.1 72.1#

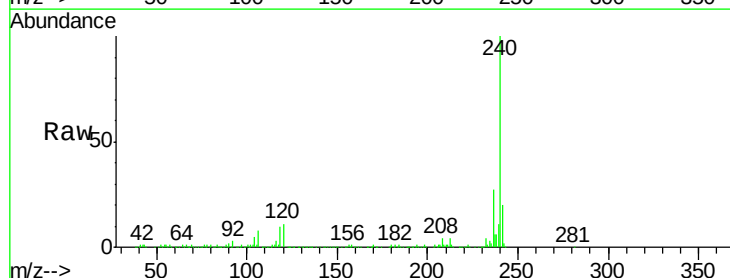


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

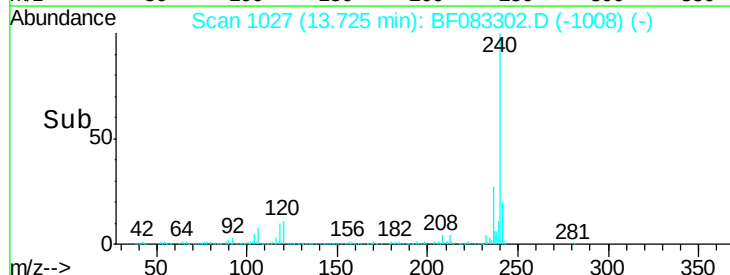
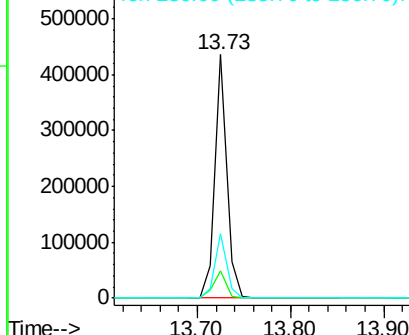


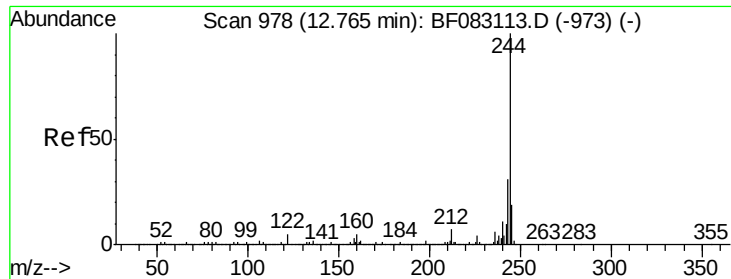
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Tgt Ion:240 Resp: 389775
 Ion Ratio Lower Upper
 240 100
 120 11.1 5.4 8.2#
 236 26.5 20.6 31.0



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

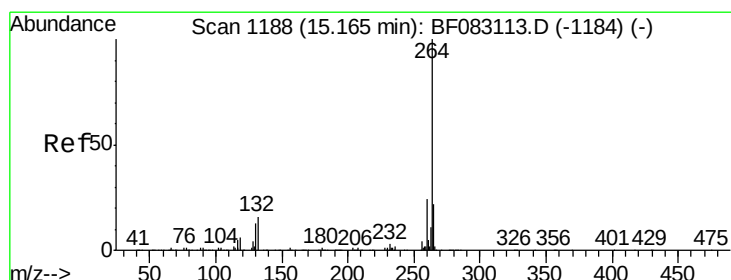
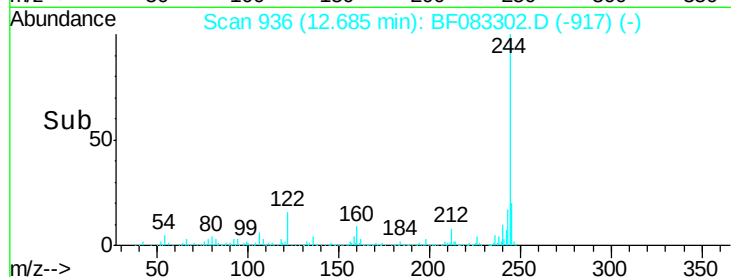
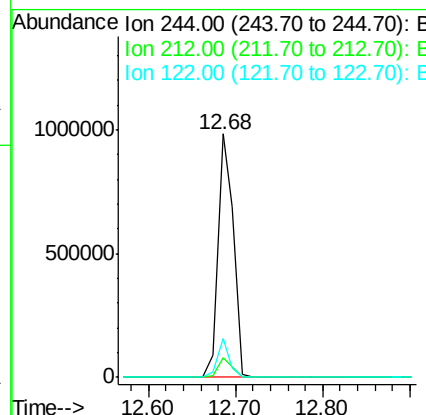
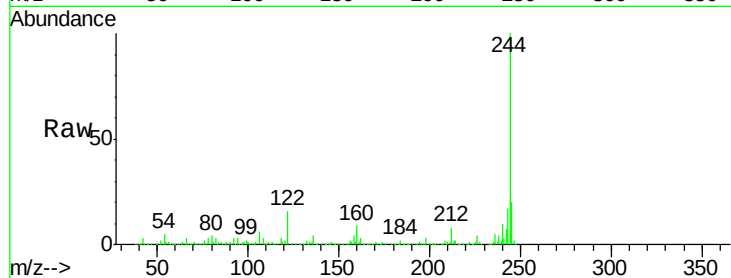




#78
 Terphenyl-d14
 Concen: 73.86 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-U-B

Tgt Ion:244 Resp: 1222575
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 15.7 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083302.D
 Acq: 26 Nov 2015 6:41

Tgt Ion:264 Resp: 280188
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 22.0 18.2 27.4

