

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083311.D
 Acq On : 26 Nov 2015 11:04
 Operator : UM/IZ
 Sample : G4572-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:42:00 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

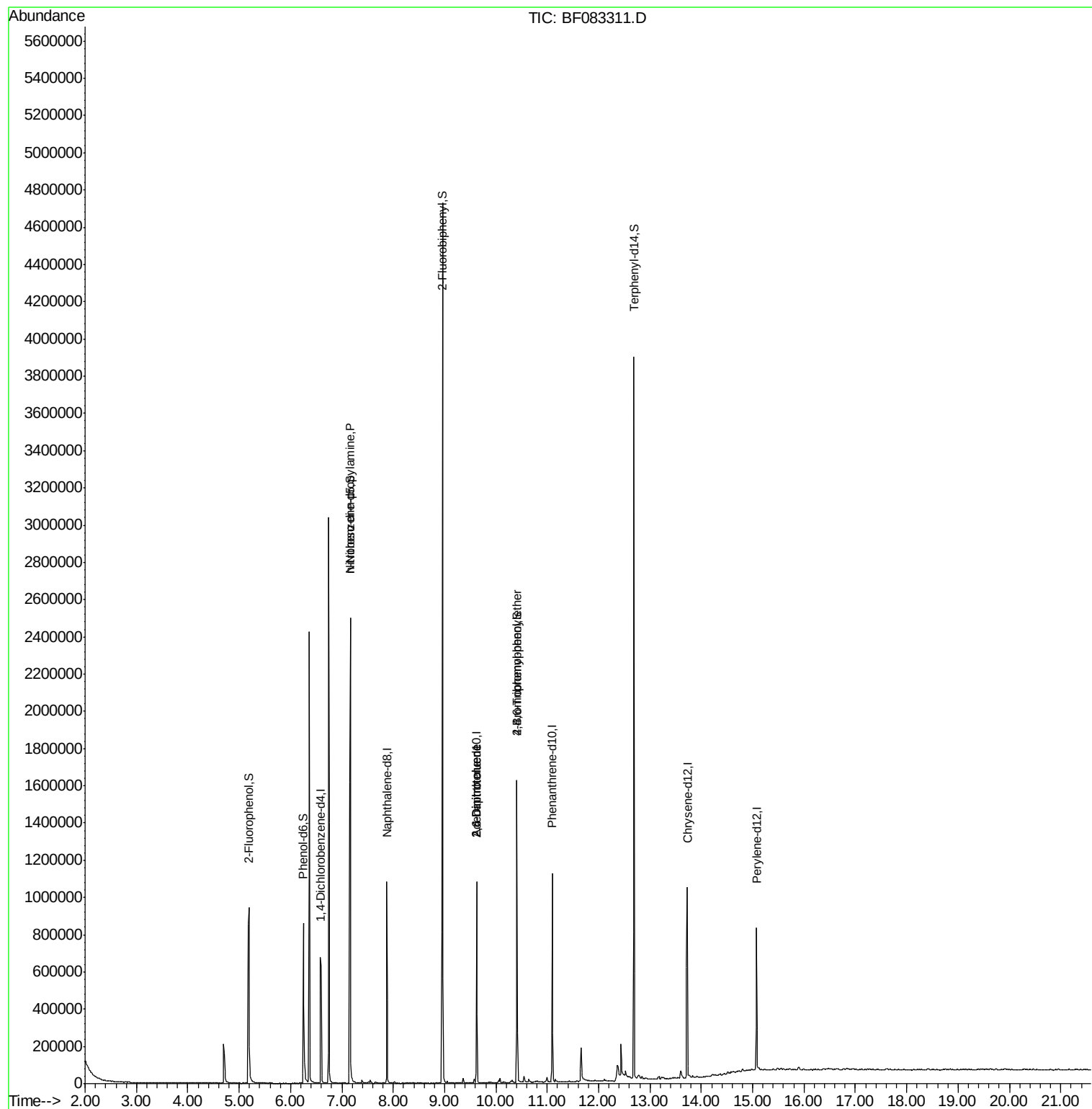
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	151420	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	514219	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	216793	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	398762	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	426758	20.00	ng	-0.08
86) Perylene-d12	15.07	264	318597	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	407968	40.73	ng	-0.09
7) Phenol-d6	6.25	99	355673	27.45	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1063632	94.52	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	167441	75.49	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1367195	87.94	ng	-0.07
78) Terphenyl-d14	12.69	244	1158185	63.91	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	139479	15.47	ng	# 75
50) 2,6-Dinitrotoluene	9.62	165	29046	7.76	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	29047	6.12	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	12128	2.74	ng	# 1

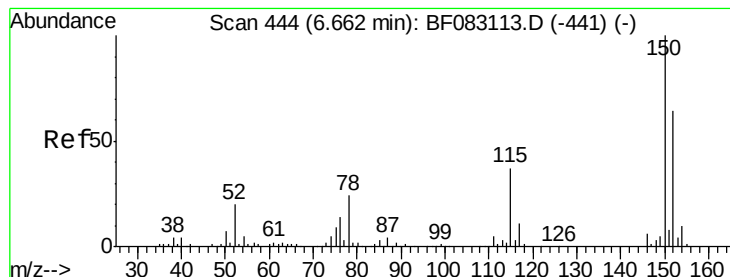
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083311.D
Acq On : 26 Nov 2015 11:04
Operator : UM/IZ
Sample : G4572-04
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 26 12:42:00 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



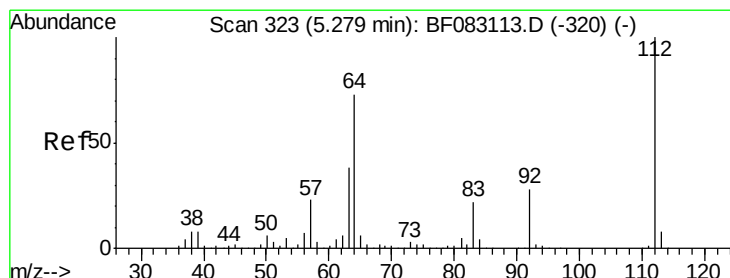
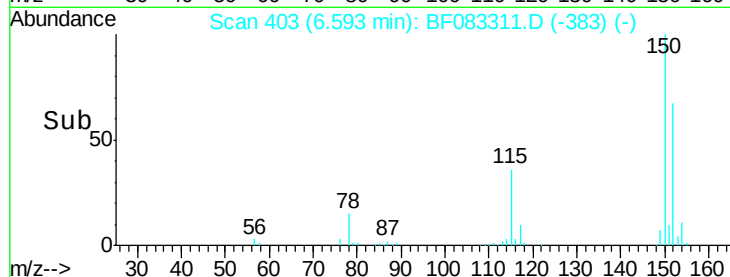
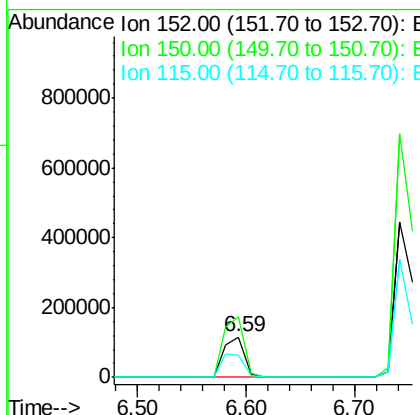
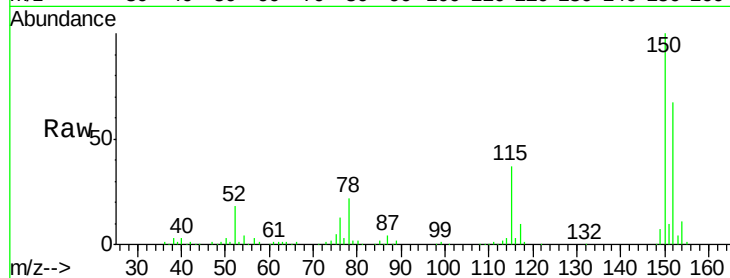


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 403
 Delta R.T. -0.07 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :

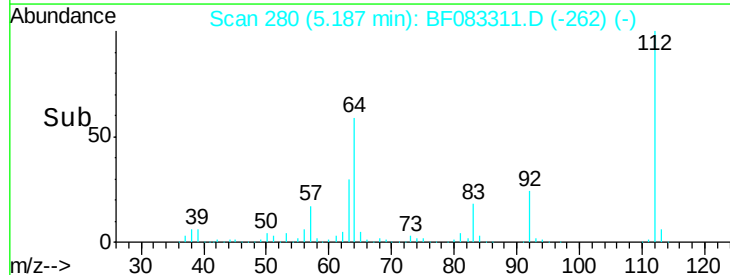
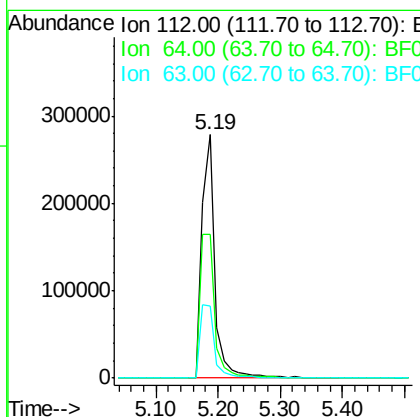
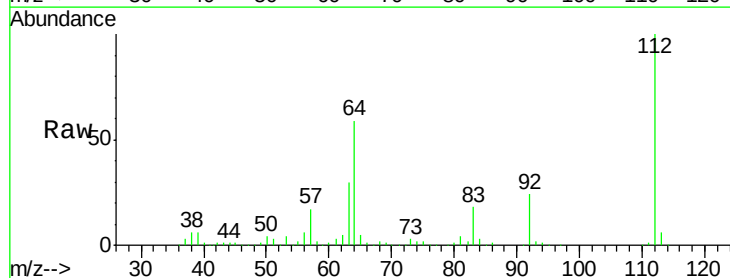
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	125.8	188.8
115	54.9	46.9	70.3

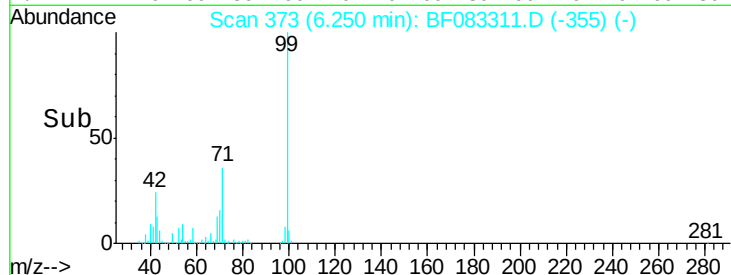
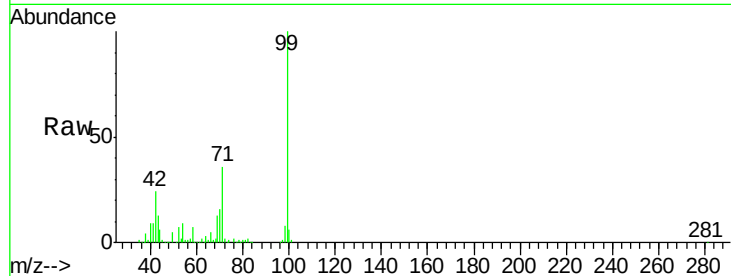
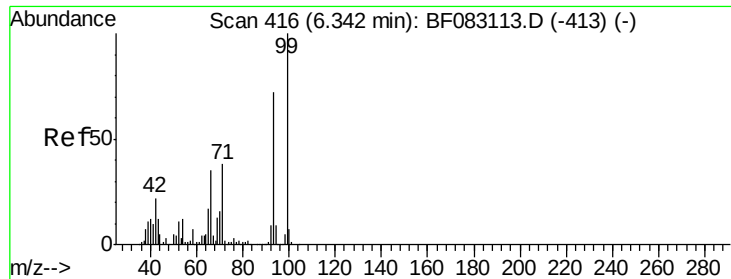


#5

2-Fluorophenol
 Concen: 40.73 ng
 RT: 5.19 min Scan# 280
 Delta R.T. -0.09 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	58.4	87.6
63	29.8	30.0	45.0#





#7

Phenol-d6

Concen: 27.45 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

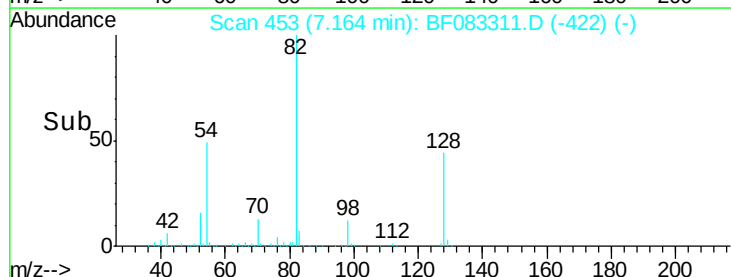
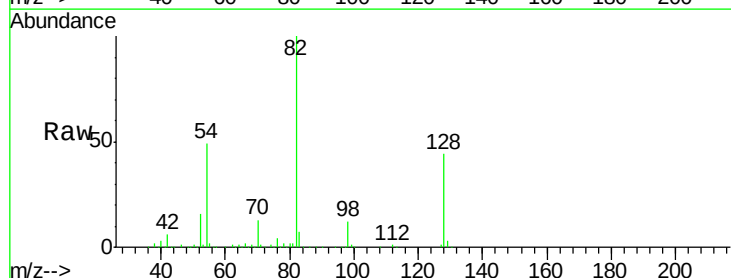
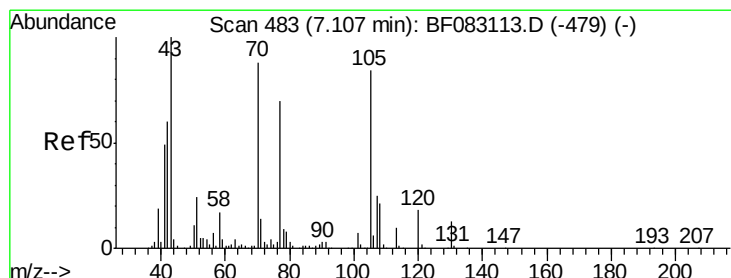
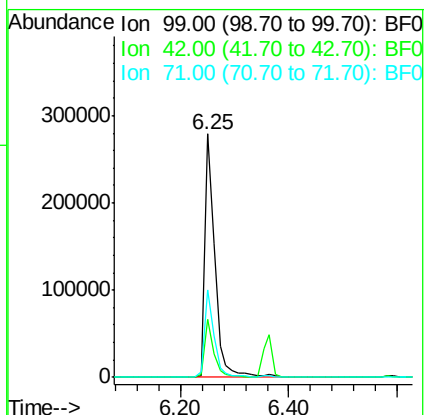
Tot Ion: 99 Resp: 355673

Ion Ratio Lower Upper

99 100

42 23.8 17.7 26.5

71 36.0 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.47 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

Tgt Ion: 70 Resp: 139479

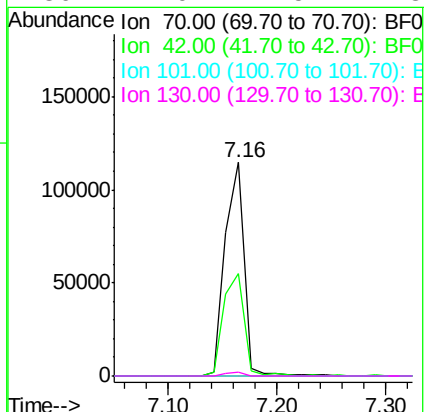
Ion Ratio Lower Upper

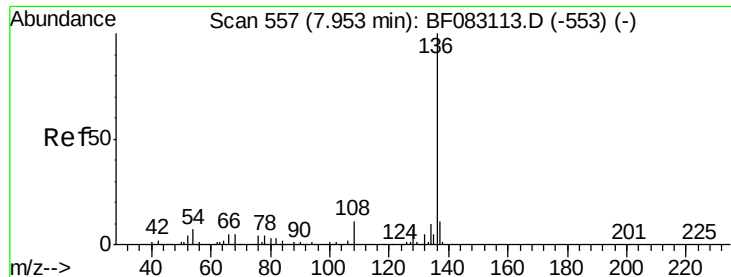
70 100

42 48.1 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

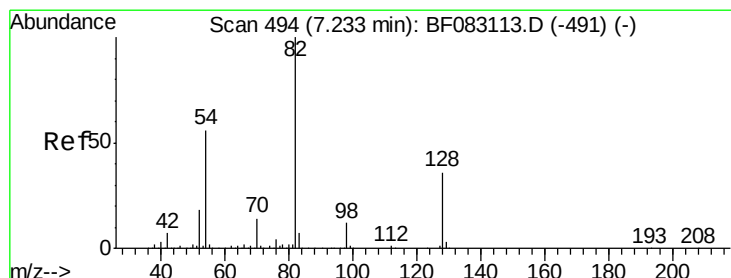
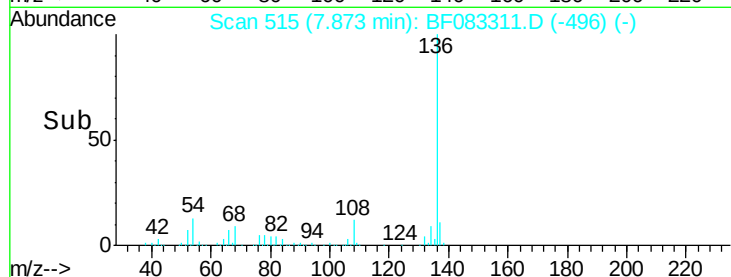
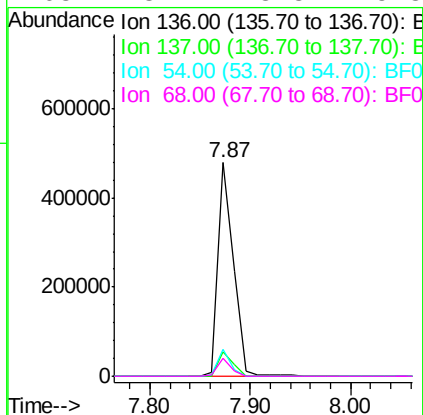
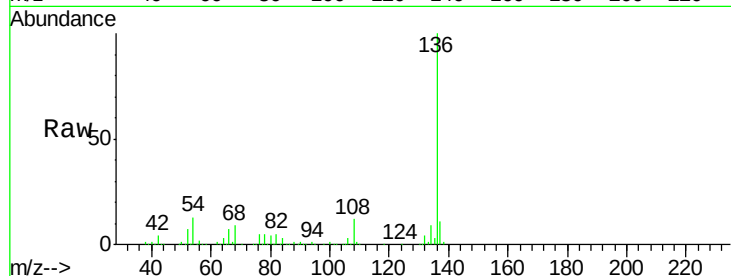




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083311.D
Acq: 26 Nov 2015 11:04

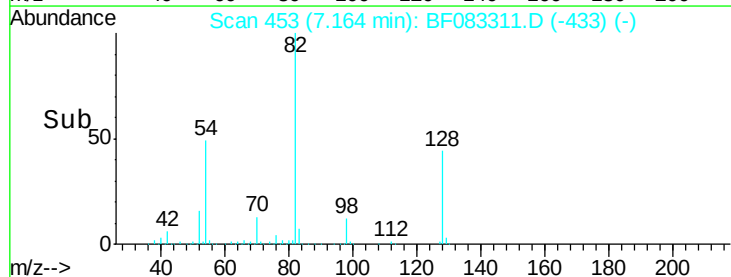
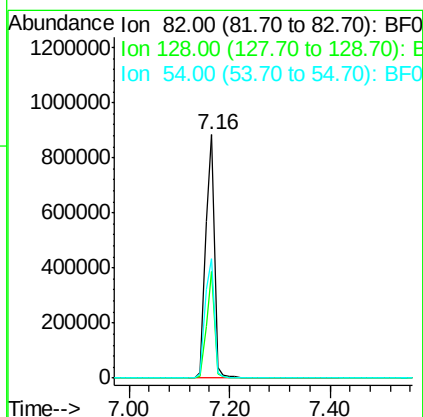
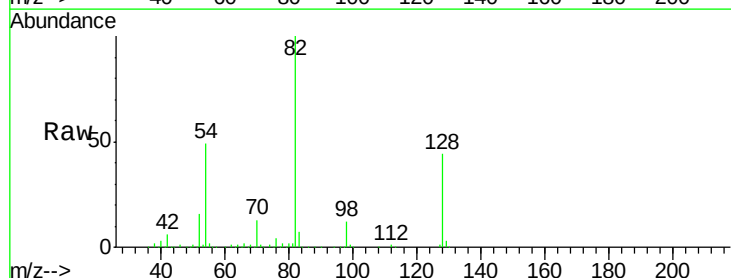
Instrument :
BNA_F
ClientSampleId :

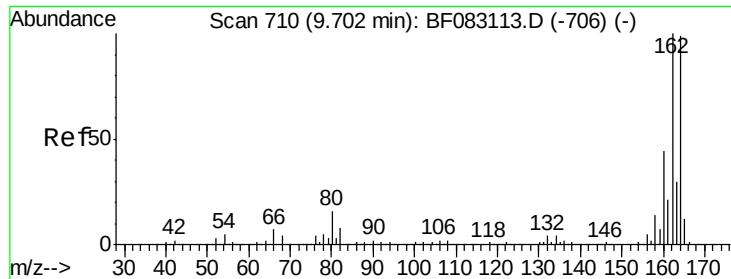
Tot Ion:136	Resp:	514219	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.7	13.1	
54 12.7	5.8	8.6#	
68 8.7	3.8	5.8#	



#23
Nitrobenzene-d5
Concen: 94.52 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083311.D
Acq: 26 Nov 2015 11:04

Tgt Ion: 82	Resp: 1063632
Ion Ratio	Lower Upper
82 100	
128 43.7	28.5 42.7#
54 48.9	44.6 67.0

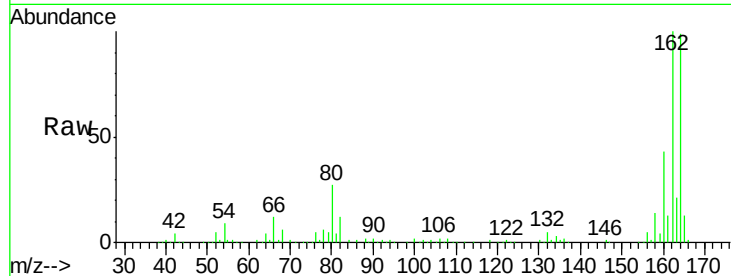




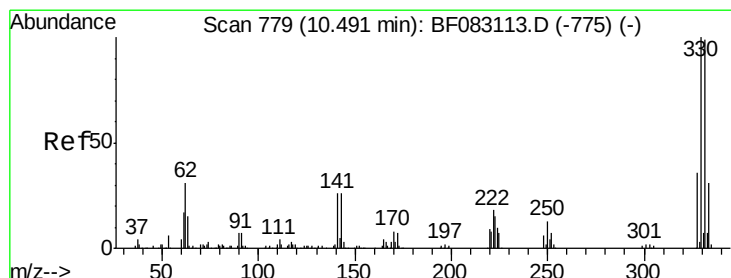
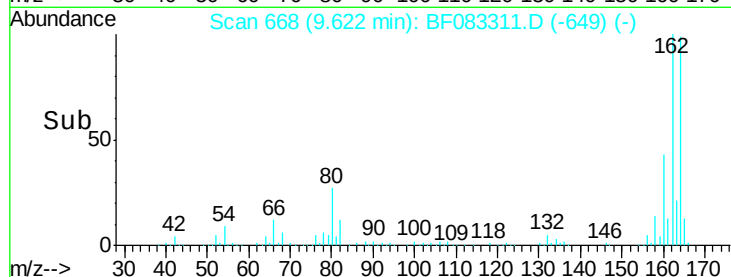
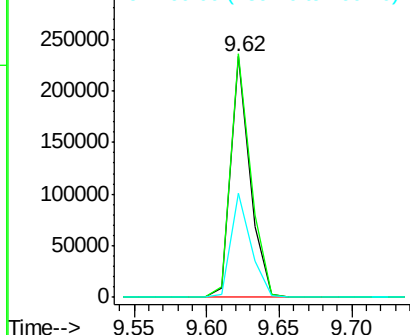
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 216793
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 43.0 35.6 53.4

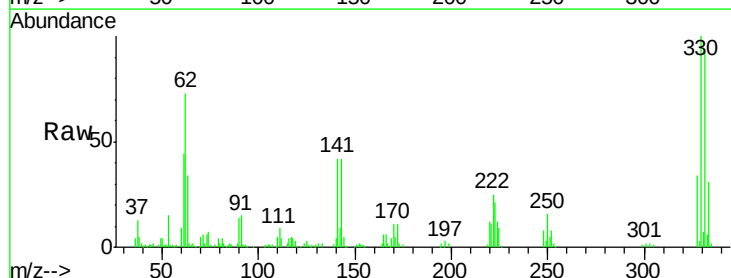


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

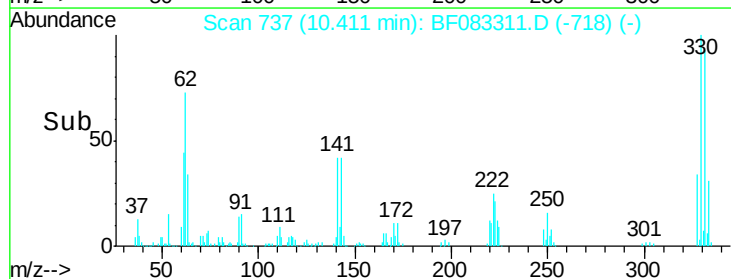
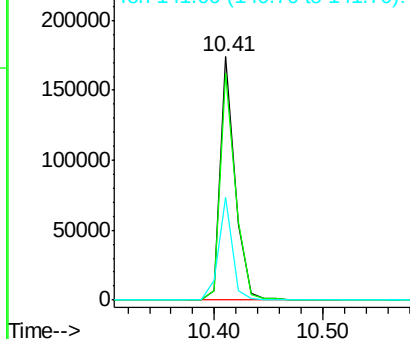


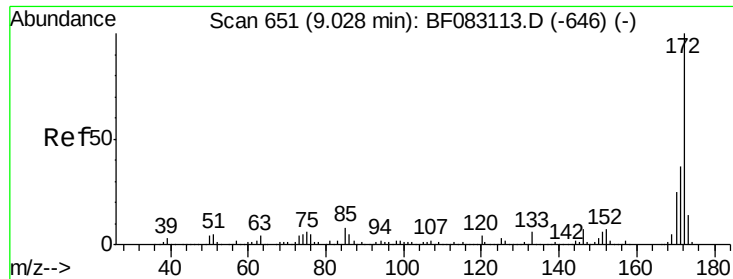
#41
 2,4,6-Tribromophenol
 Concen: 75.49 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion:330 Resp: 167441
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.7 116.5
 141 39.5 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



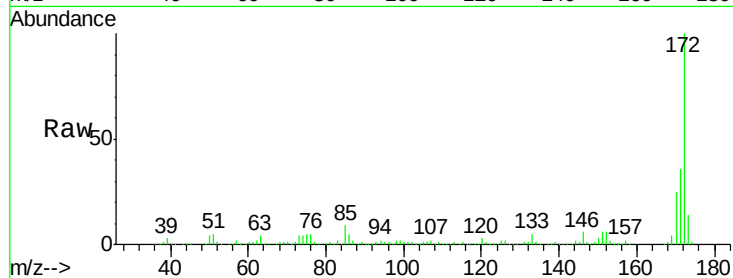


#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

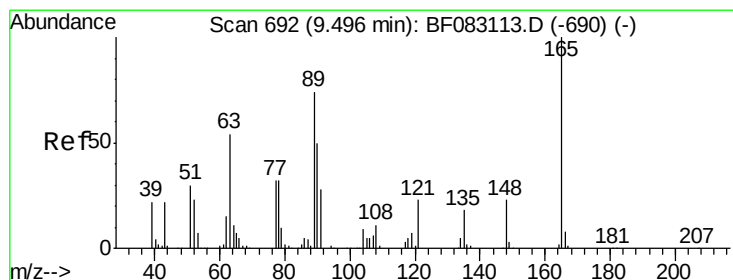
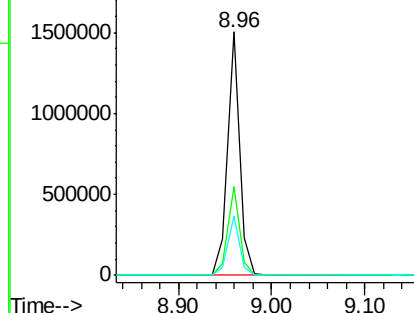
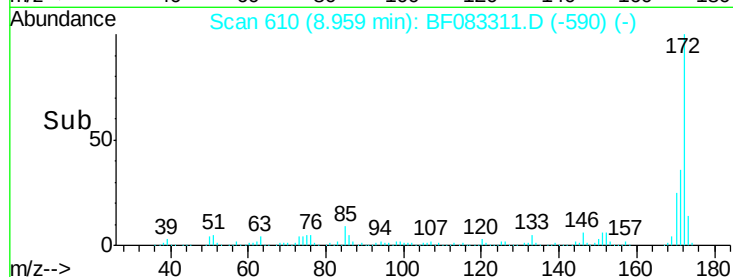
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1367195

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	24.5	19.9	29.9



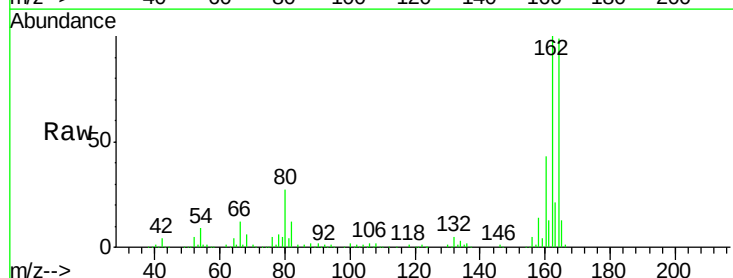
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



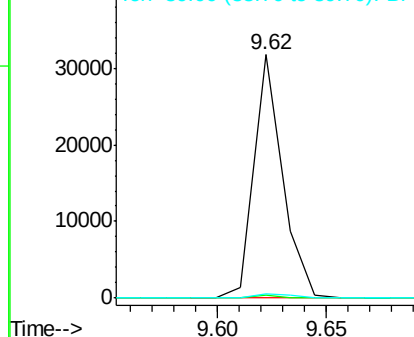
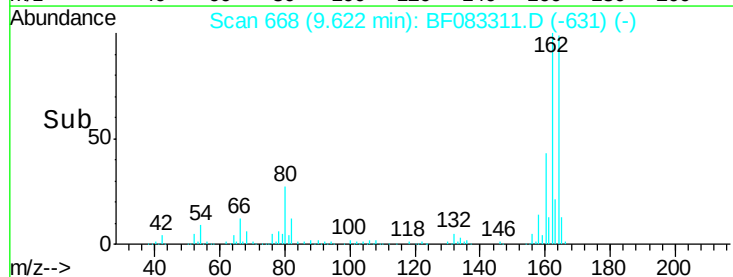
#50
 2,6-Dinitrotoluene
 Concen: 7.76 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

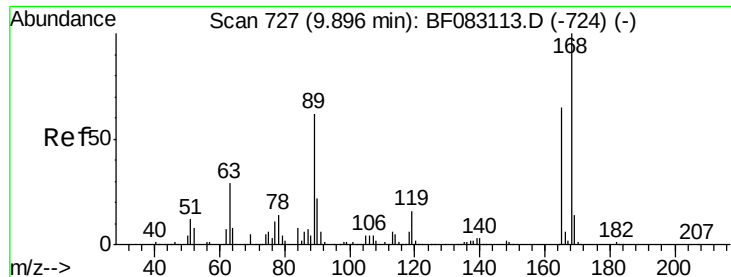
Tgt Ion:165 Resp: 29046

Ion	Ratio	Lower	Upper
165	100		
63	1.4	62.5	93.7#
89	1.5	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: 6.12 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.27 min

Lab File: BF083311.D

Acq: 26 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 29047

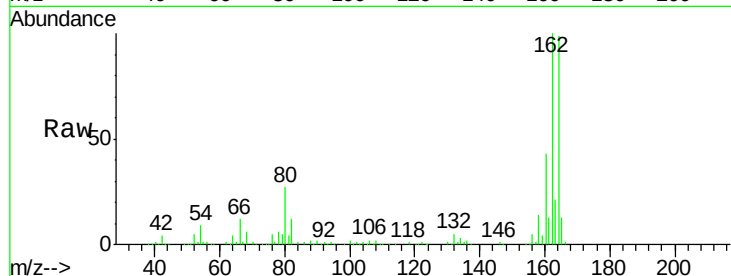
Ion Ratio Lower Upper

165 100

63 1.4 54.5 81.7#

89 1.5 77.3 115.9#

182 0.0 1.8 2.6#

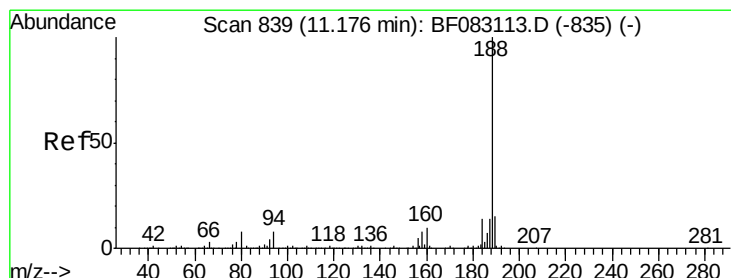
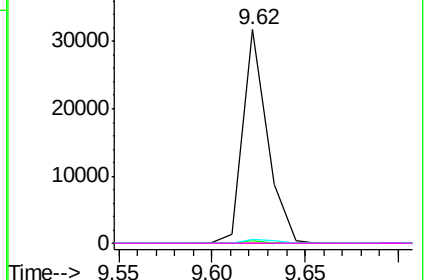
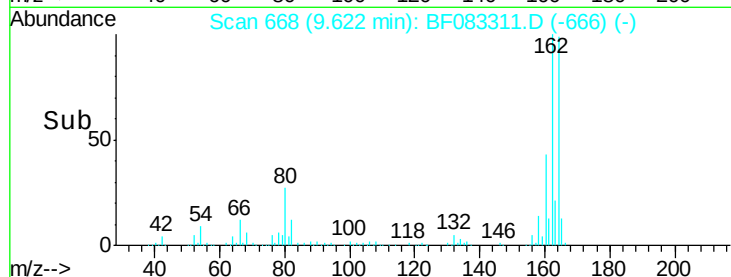


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083311.D

Acq: 26 Nov 2015 11:04

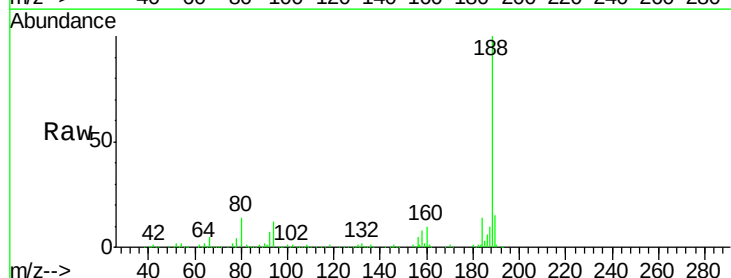
Tgt Ion:188 Resp: 398762

Ion Ratio Lower Upper

188 100

94 11.6 6.0 9.0#

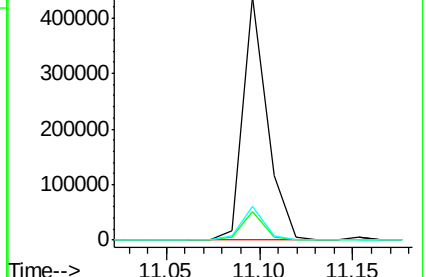
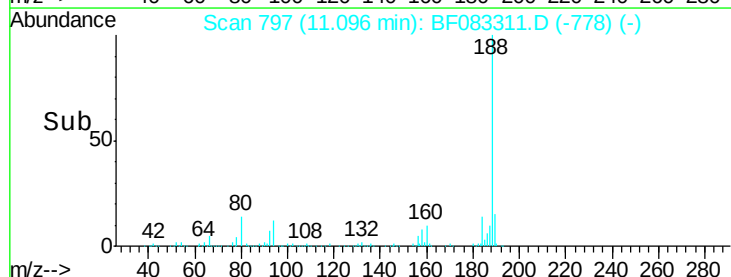
80 13.8 6.7 10.1#

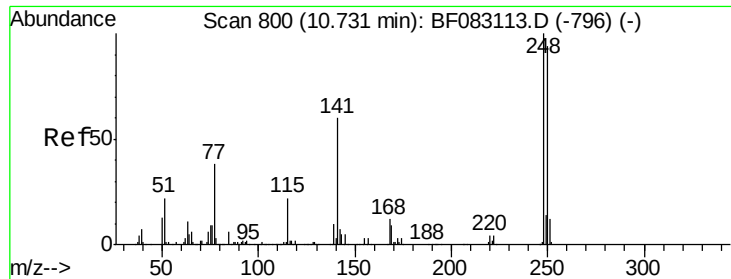


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

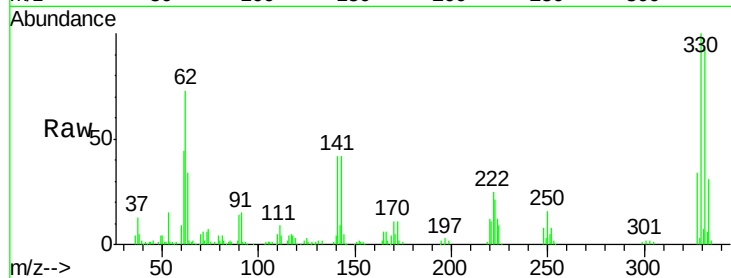




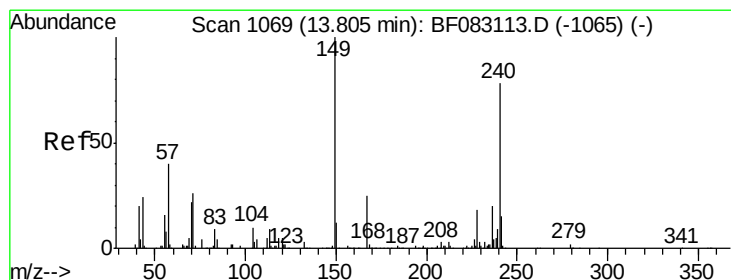
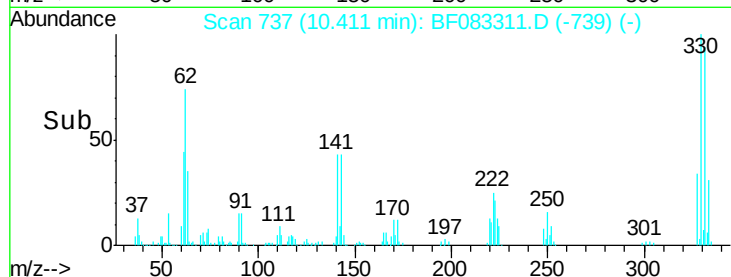
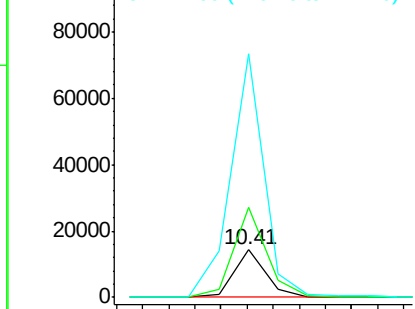
#66
 4-Bromophenyl-phenylether
 Concen: 2.74 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12128
 Ion Ratio Lower Upper
 248 100
 250 190.7 75.4 113.2#
 141 514.7 48.1 72.1#

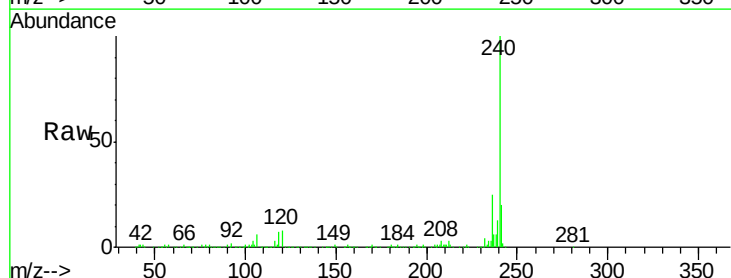


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

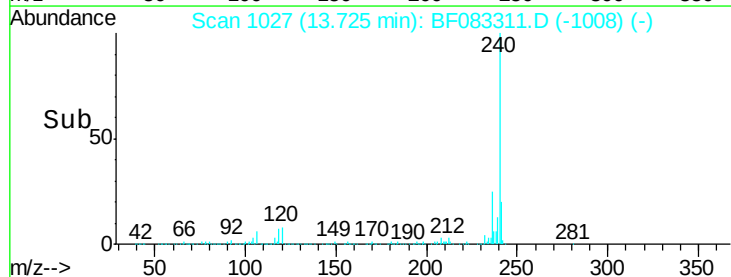
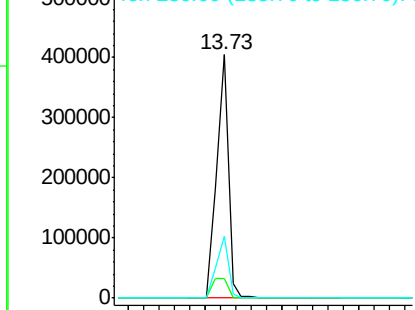


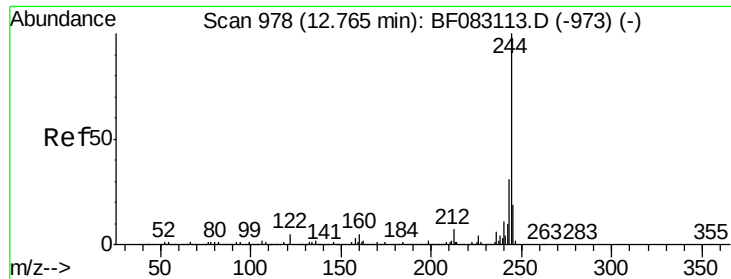
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion:240 Resp: 426758
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.4 8.2
 236 25.4 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

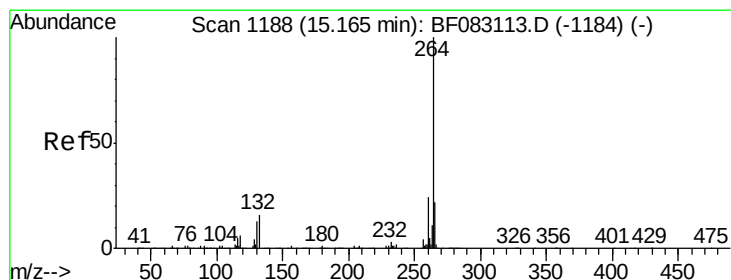
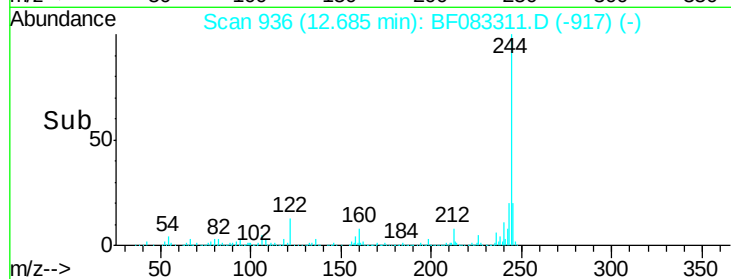
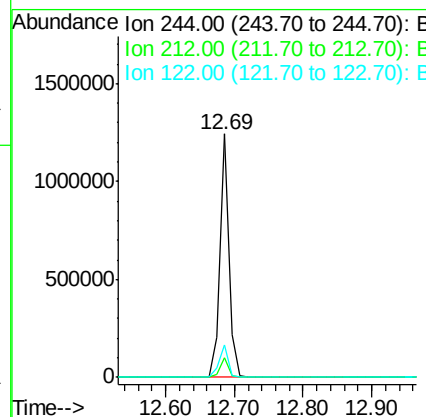
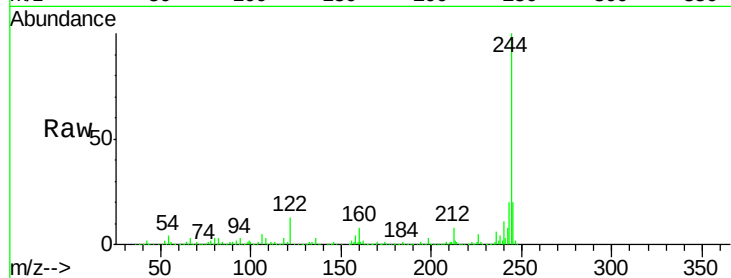




#78
 Terphenyl-d14
 Concen: 63.91 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083311.D
 Acq: 26 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1158185
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 13.2 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: BF083311.D
 Acq: 26 Nov 2015 11:04

Tgt Ion:264 Resp: 318597
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 22.6 18.2 27.4

