

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083308.D
 Acq On : 26 Nov 2015 9:36
 Operator : UM/IZ
 Sample : G4572-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:41:28 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	147436	20.00	ng	-0.07
21) Naphthalene-d8	7.87	136	505195	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	208978	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	367033	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	422205	20.00	ng	-0.08
86) Perylene-d12	15.07	264	303642	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	429165	44.01	ng	-0.09
7) Phenol-d6	6.26	99	356351	28.24	ng	-0.08
23) Nitrobenzene-d5	7.16	82	1142330	103.32	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	170720	79.85	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1396669	93.20	ng	-0.07
78) Terphenyl-d14	12.68	244	1212434	67.62	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	151808	17.29	ng	# 77
50) 2,6-Dinitrotoluene	9.62	165	27008	7.48	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	27010	5.90	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	12788	3.14	ng	# 1

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

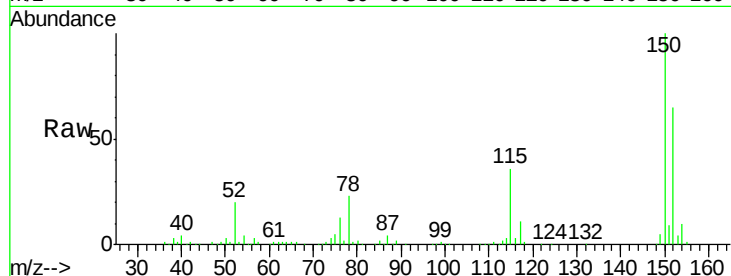


#1

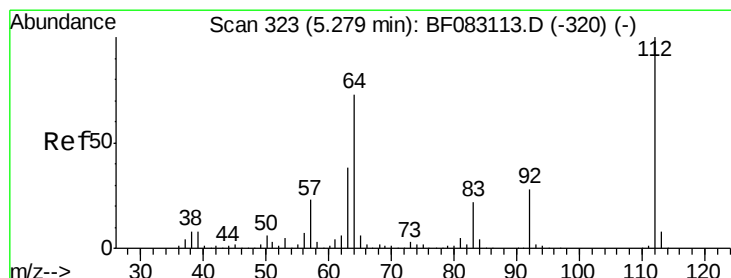
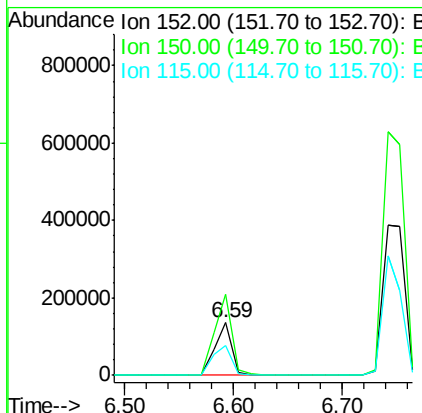
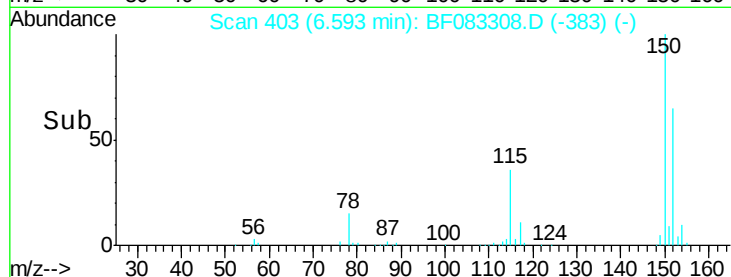
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 403
Delta R.T. -0.07 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 147436
Ion Ratio Lower Upper
152 100
150 153.8 125.8 188.8
115 56.1 46.9 70.3



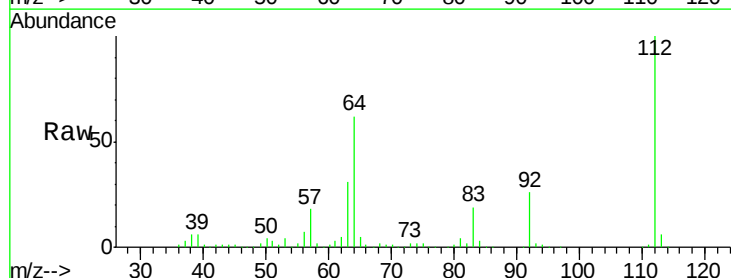
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



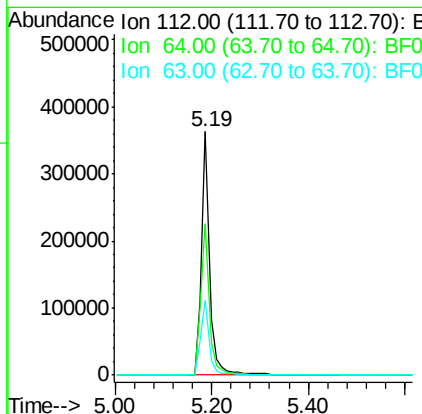
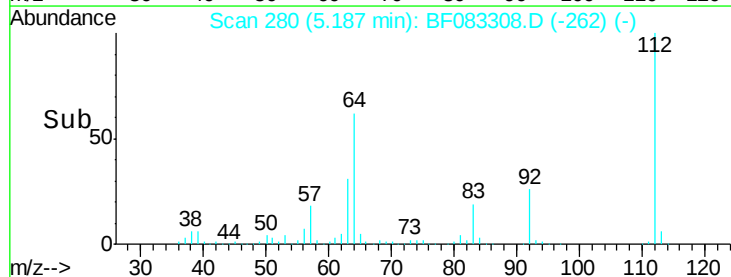
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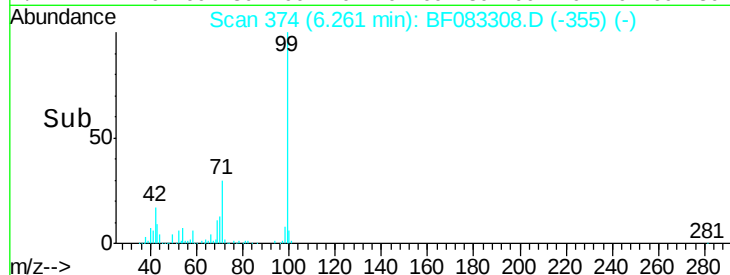
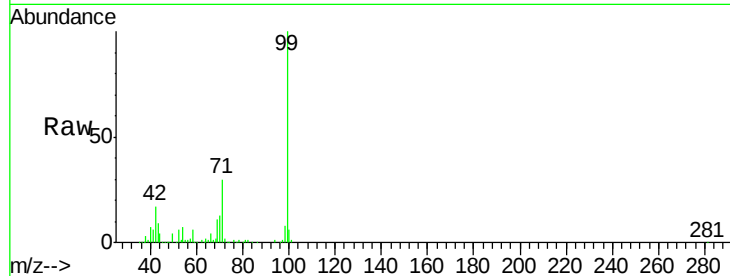
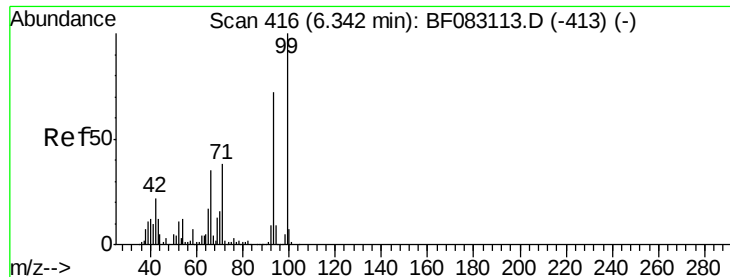
2-Fluorophenol
Concen: 44.01 ng
RT: 5.19 min Scan# 280
Delta R.T. -0.09 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Tgt Ion:112 Resp: 429165
Ion Ratio Lower Upper
112 100
64 62.2 58.4 87.6
63 30.9 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: 28.24 ng

RT: 6.26 min Scan# 374

Delta R.T. -0.08 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

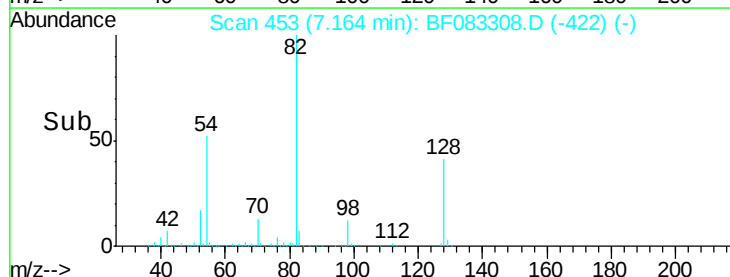
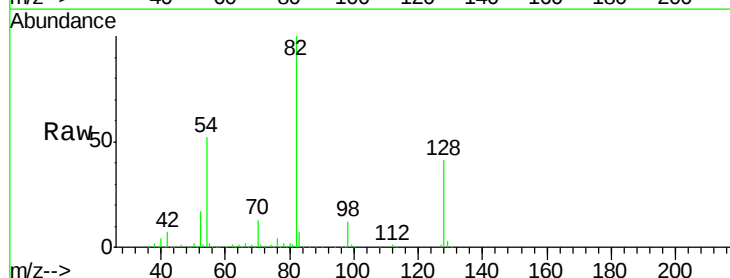
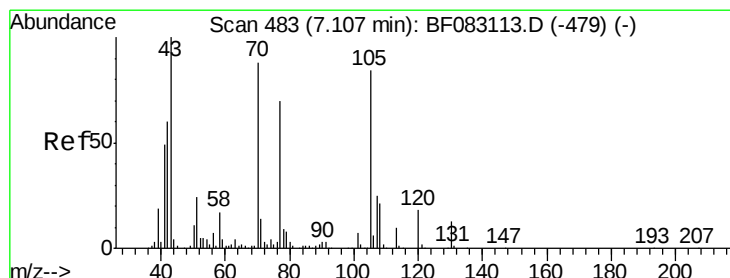
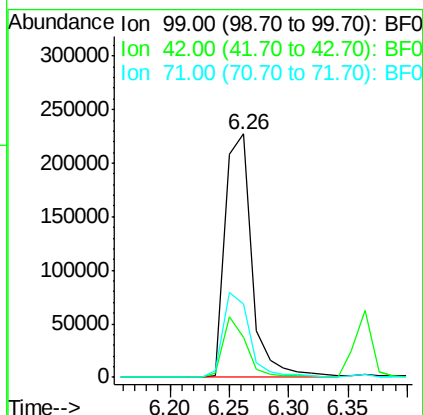
Tot Ion: 99 Resp: 356351

Ion Ratio Lower Upper

99 100

42 16.6 17.7 26.5#

71 30.1 30.2 45.4#



#19

n-Nitroso-di-n-propylamine

Concen: 17.29 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Tgt Ion: 70 Resp: 151808

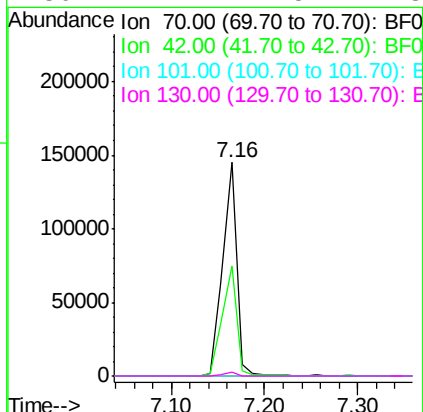
Ion Ratio Lower Upper

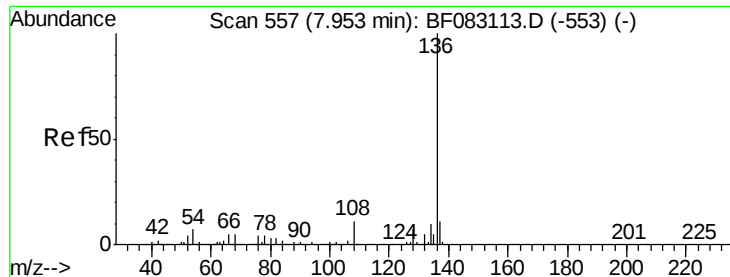
70 100

42 51.4 54.5 81.7#

101 0.0 6.6 9.8#

130 1.7 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: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 505195

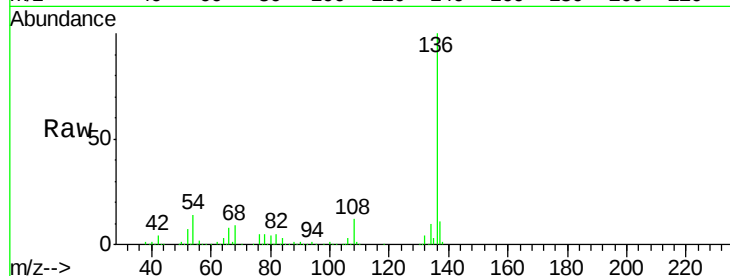
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 13.6 5.8 8.6#

68 9.1 3.8 5.8#

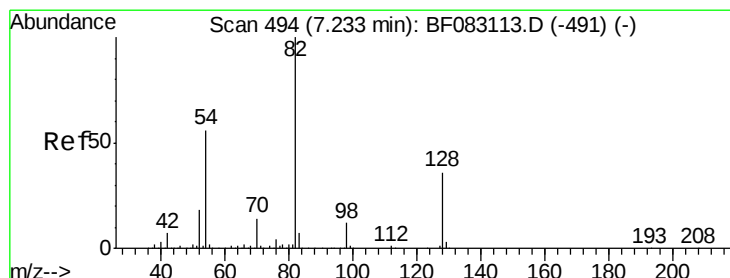
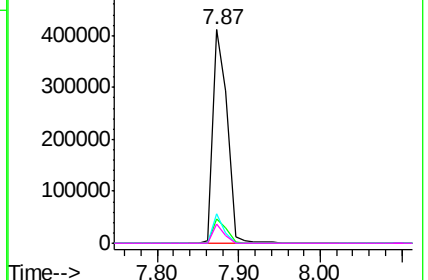
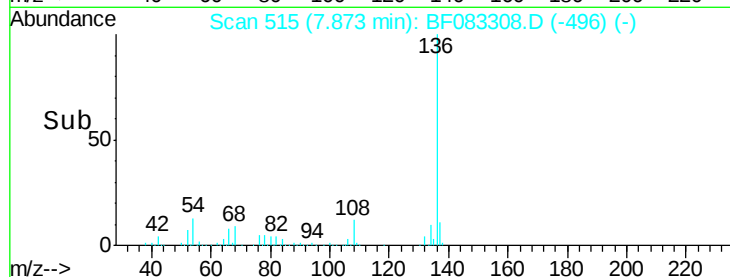


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.32 ng

RT: 7.16 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

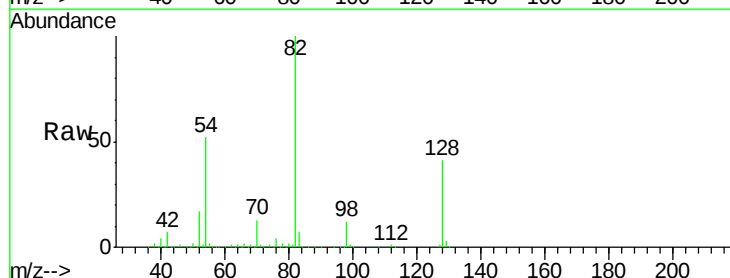
Tgt Ion: 82 Resp: 1142330

Ion Ratio Lower Upper

82 100

128 40.6 28.5 42.7

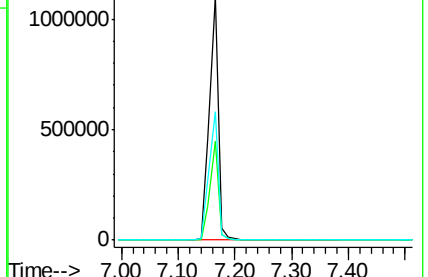
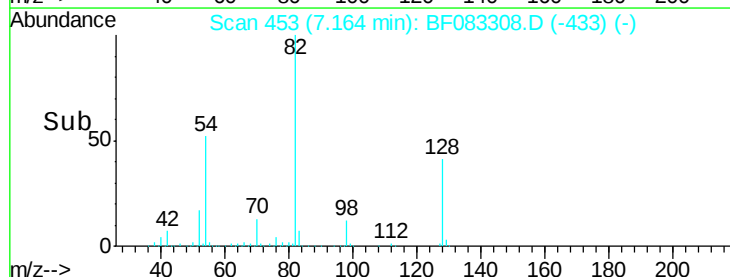
54 52.5 44.6 67.0

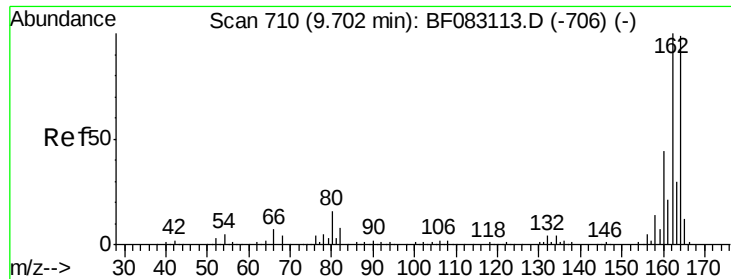


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

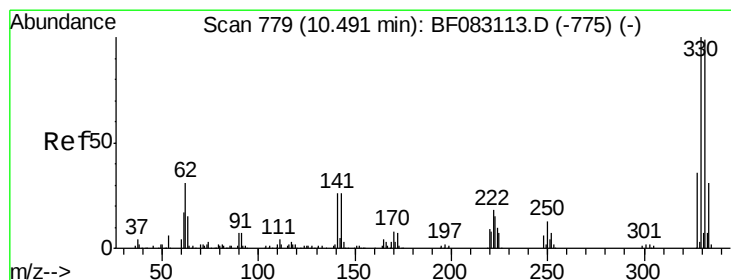
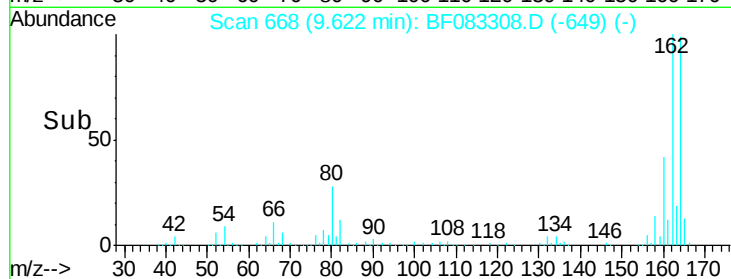
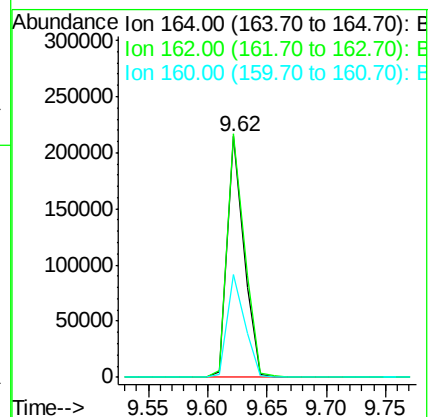
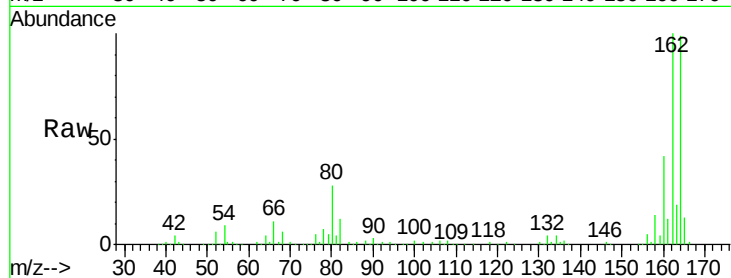
Tot Ion:164 Resp: 208978

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 42.8 35.6 53.4



#41

2,4,6-Tribromophenol

Concen: 79.85 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

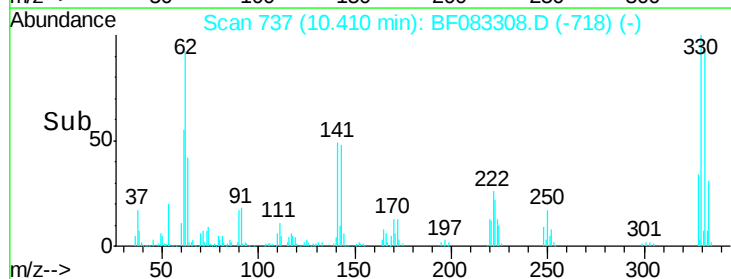
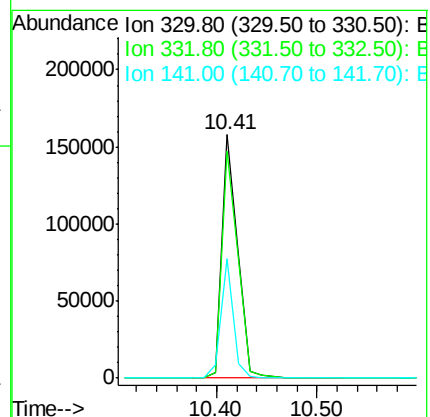
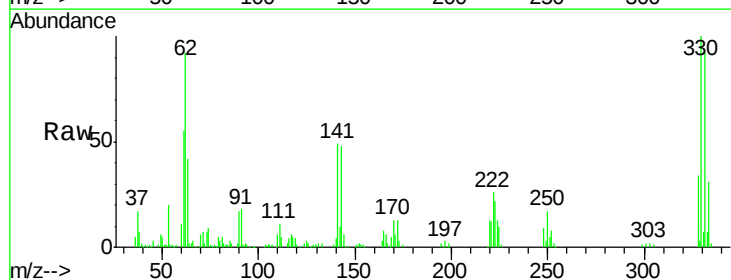
Tgt Ion:330 Resp: 170720

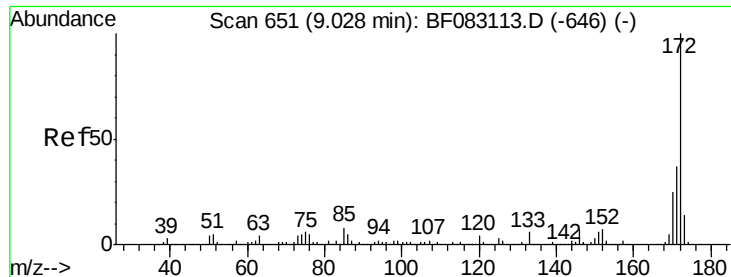
Ion Ratio Lower Upper

330 100

332 94.6 77.7 116.5

141 39.0 29.7 44.5

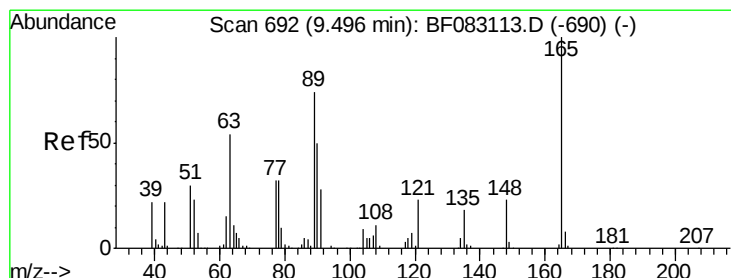
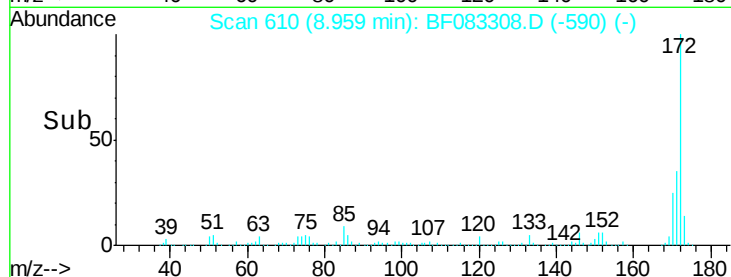
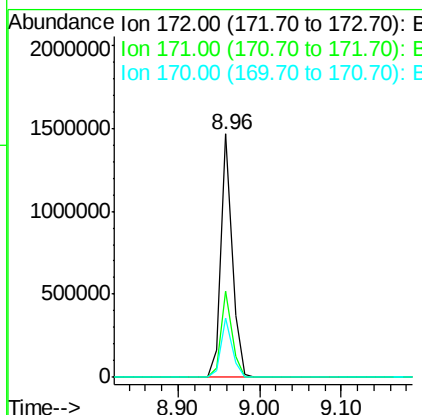
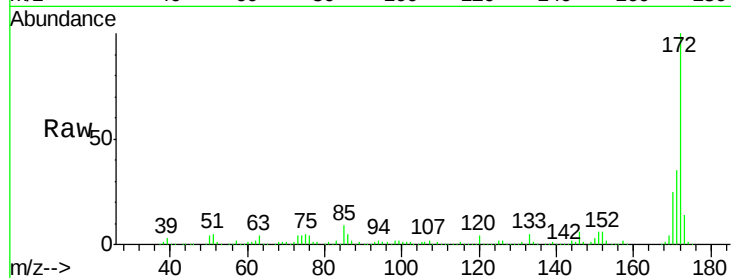




#44
 2-Fluorobiphenyl
 Concen: 93.20 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083308.D
 Acq: 26 Nov 2015 9:36

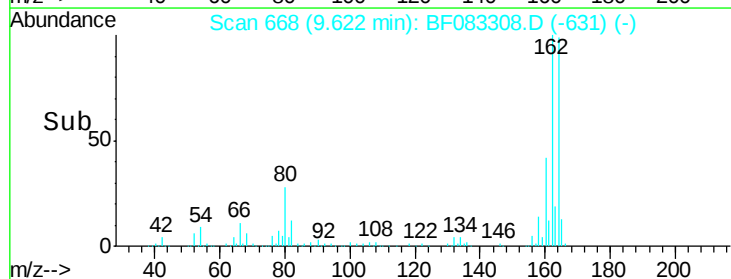
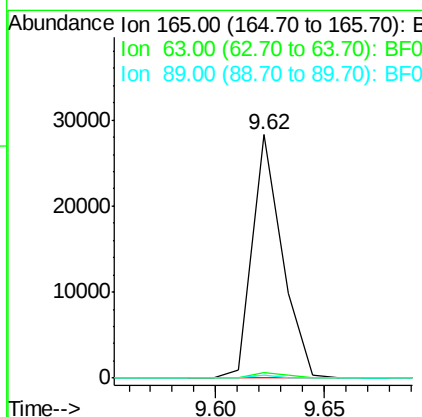
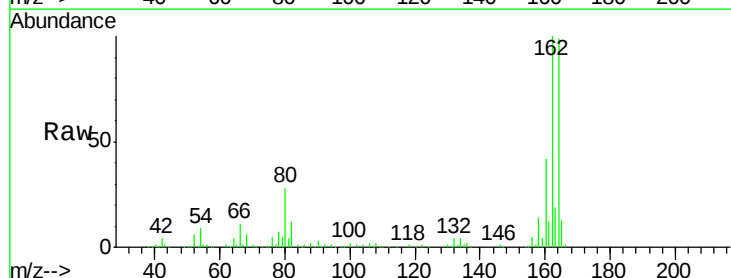
Instrument :
 BNA_F
 ClientSampleId :

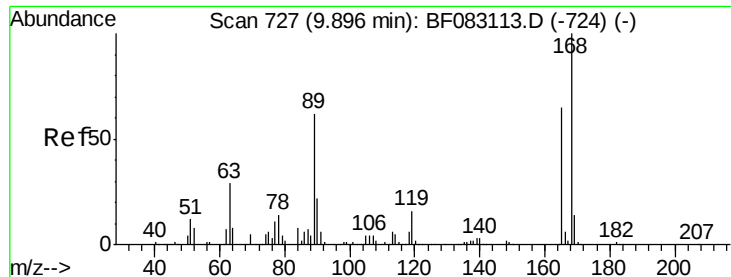
Tot Ion:172 Resp: 1396669
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.5 44.3
 170 24.5 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083308.D
 Acq: 26 Nov 2015 9:36

Tgt Ion:165 Resp: 27008
 Ion Ratio Lower Upper
 165 100
 63 2.1 62.5 93.7#
 89 1.5 59.1 88.7#

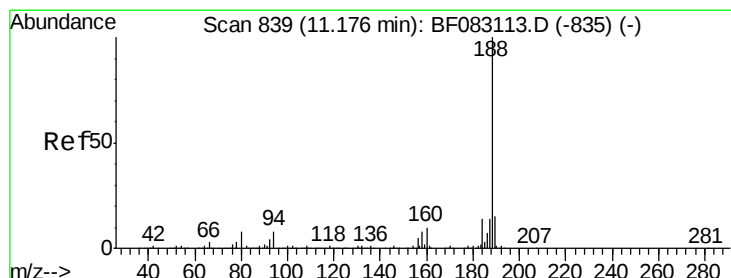
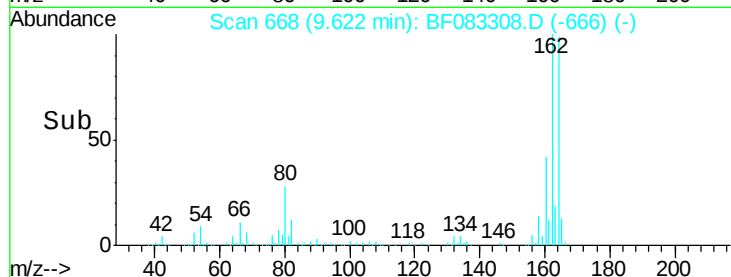
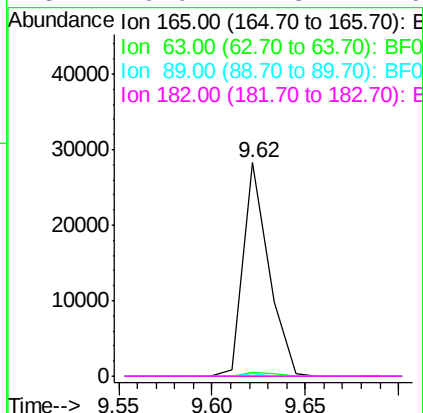
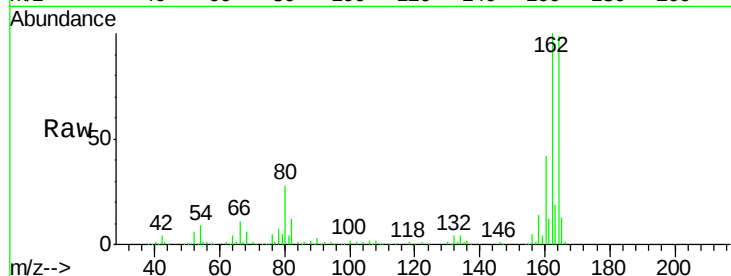




#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.27 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

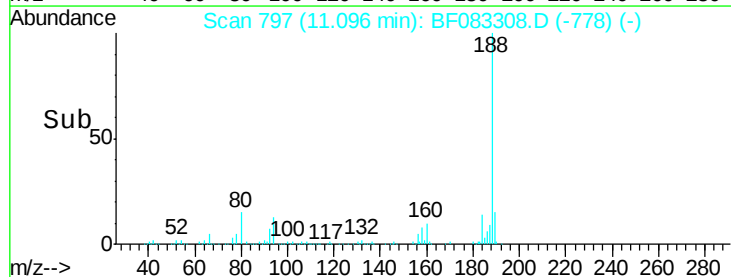
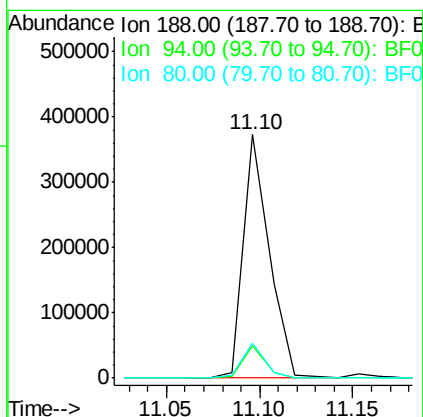
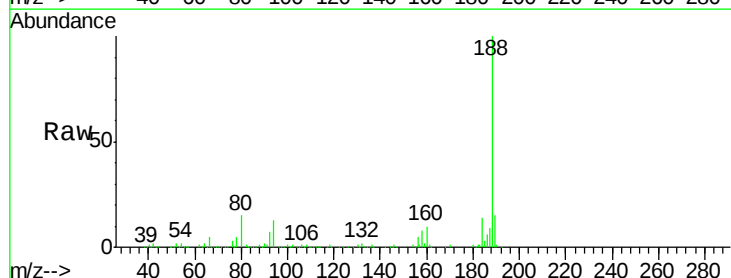
Instrument :
BNA_F
ClientSampleId :

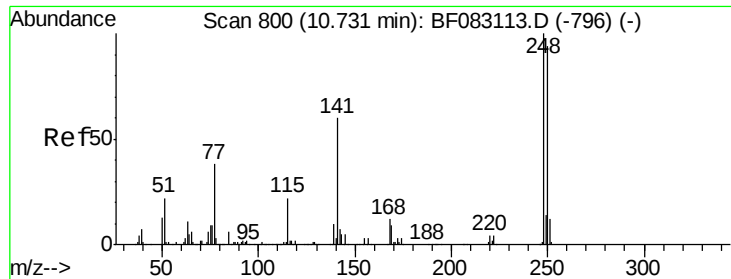
Tot Ion:165 Resp: 27010
Ion Ratio Lower Upper
165 100
63 2.1 54.5 81.7#
89 1.5 77.3 115.9#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083308.D
Acq: 26 Nov 2015 9:36

Tgt Ion:188 Resp: 367033
Ion Ratio Lower Upper
188 100
94 13.2 6.0 9.0#
80 14.6 6.7 10.1#





#66

4-Bromophenyl-phenylether

Concen: 3.14 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.32 min

Lab File: BF083308.D

Acq: 26 Nov 2015 9:36

Instrument :

BNA_F

ClientSampleId :

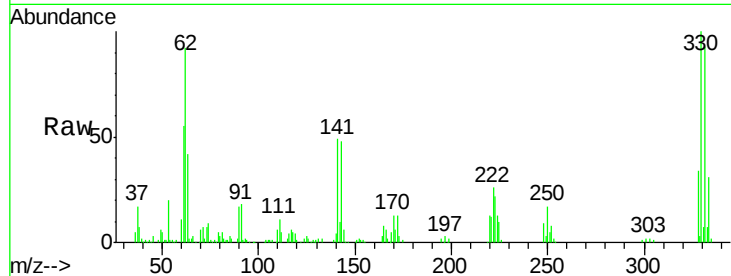
Tot Ion:248 Resp: 12788

Ion Ratio Lower Upper

248 100

250 182.8 75.4 113.2#

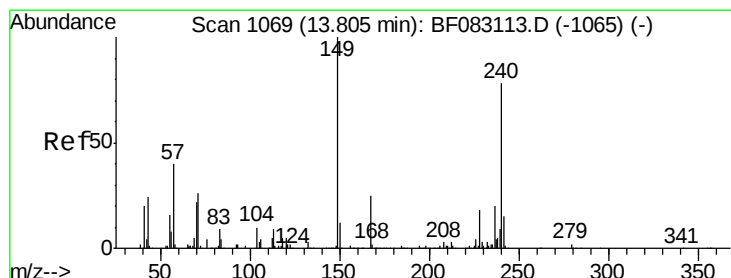
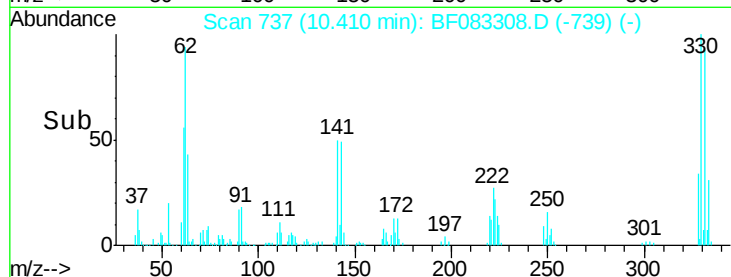
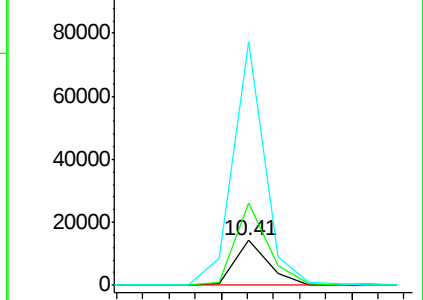
141 541.6 48.1 72.1#



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: BF083308.D

Acq: 26 Nov 2015 9:36

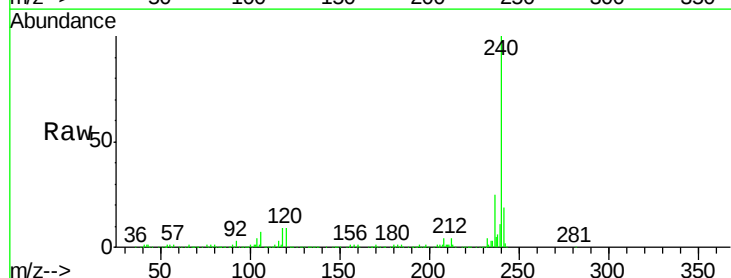
Tgt Ion:240 Resp: 422205

Ion Ratio Lower Upper

240 100

120 9.2 5.4 8.2#

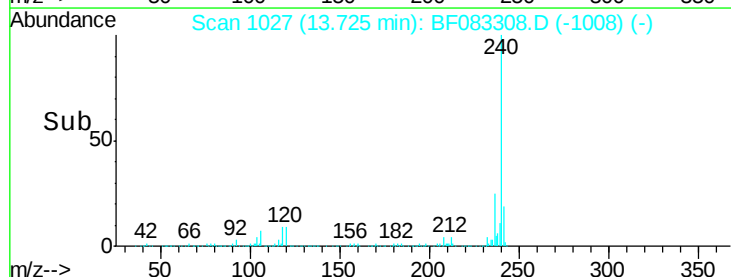
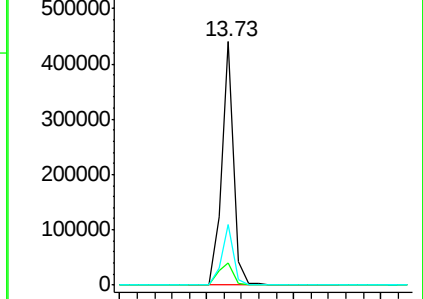
236 25.1 20.6 31.0

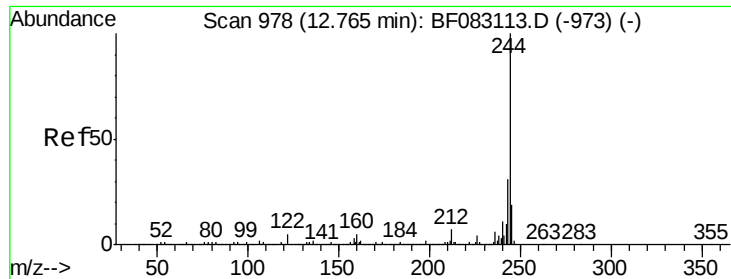


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

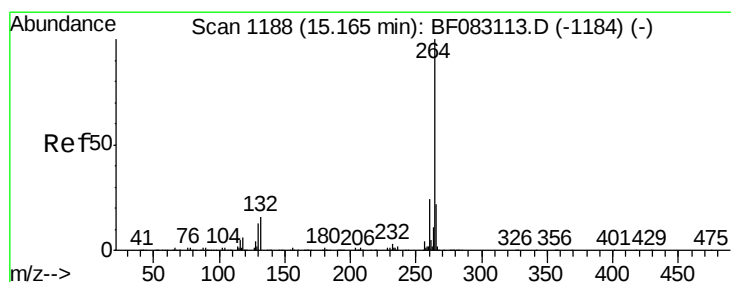
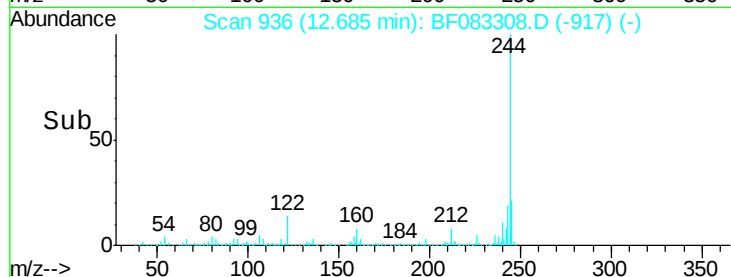
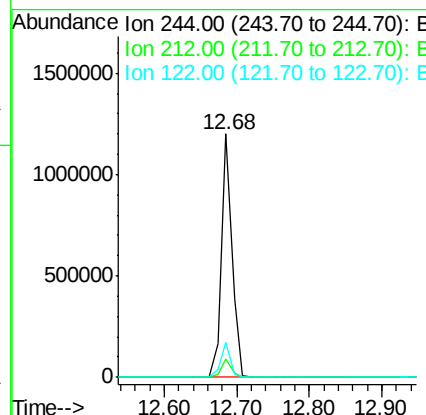
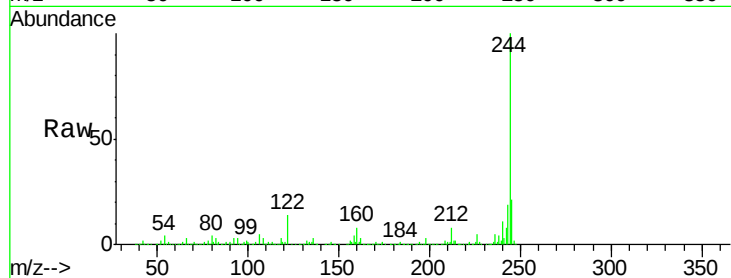




#78
 Terphenyl-d14
 Concen: 67.62 ng
 RT: 12.68 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083308.D
 Acq: 26 Nov 2015 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1212434
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 14.4 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: BF083308.D
 Acq: 26 Nov 2015 9:36

Tgt Ion:264 Resp: 303642
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.9 18.2 27.4

