

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081045.D
 Acq On : 18 Aug 2015 16:30
 Operator : UM/IZ
 Sample : PB85041BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:38:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

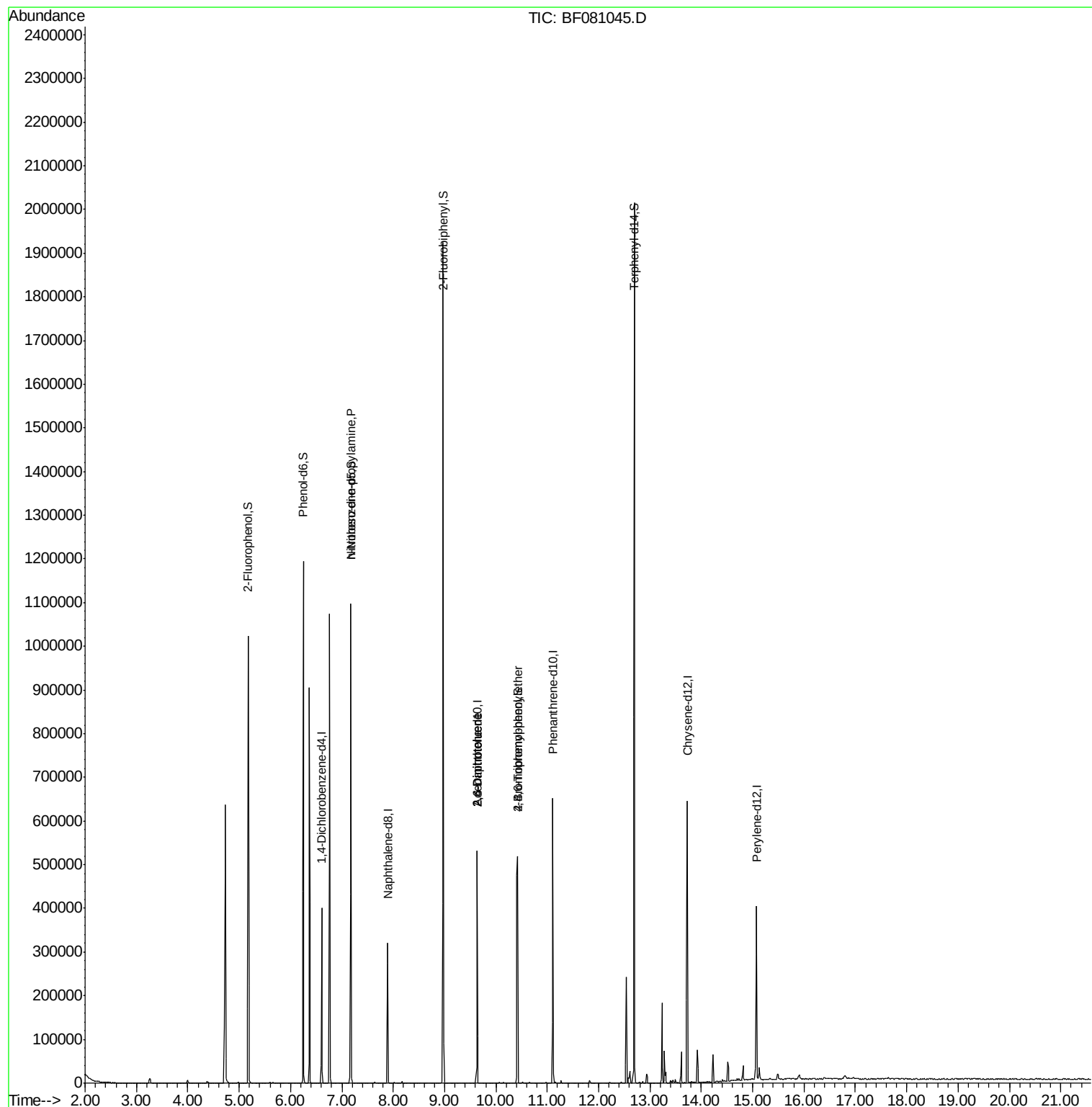
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51008	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	195833	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	95153	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	226287	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	218164	20.00	ng	-0.02
86) Perylene-d12	15.07	264	186415	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	243445	71.79	ng	-0.01
7) Phenol-d6	6.25	99	381041	86.12	ng	-0.01
23) Nitrobenzene-d5	7.18	82	355511	82.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	73128	88.66	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	536670	73.90	ng	-0.02
78) Terphenyl-d14	12.70	244	620986	61.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	48007	15.66	ng	# 68
50) 2,6-Dinitrotoluene	9.63	165	11974	7.12	ng	# 22
56) 2,4-Dinitrotoluene	9.63	165	11974	5.37	ng	# 17
66) 4-Bromophenyl-phenylether	10.42	248	5382	2.42	ng	# 1

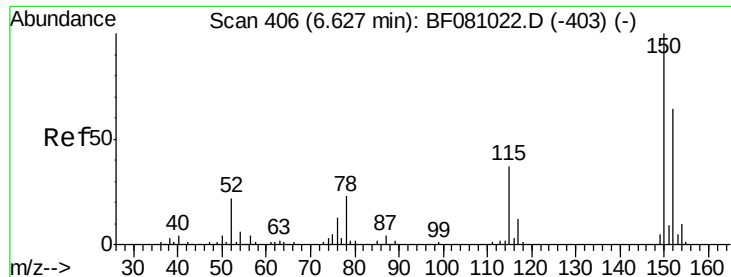
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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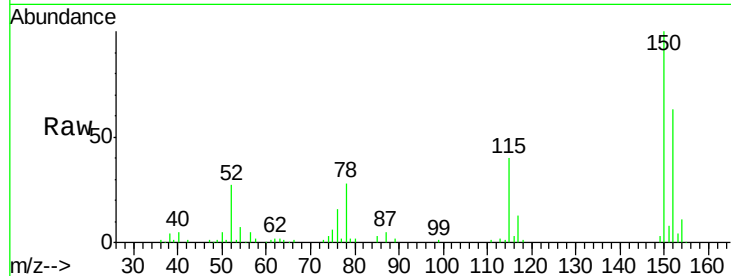


#1

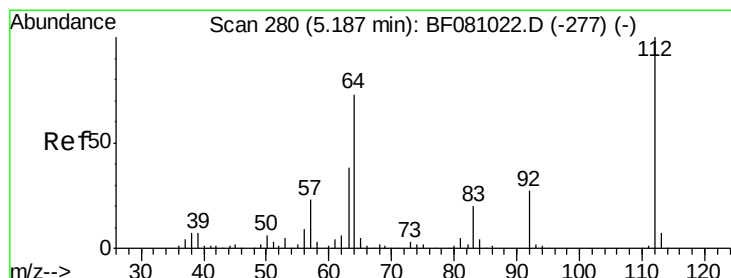
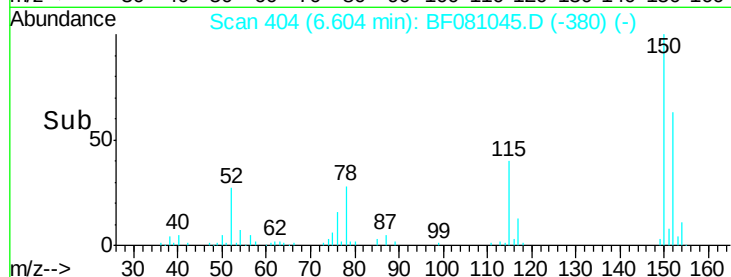
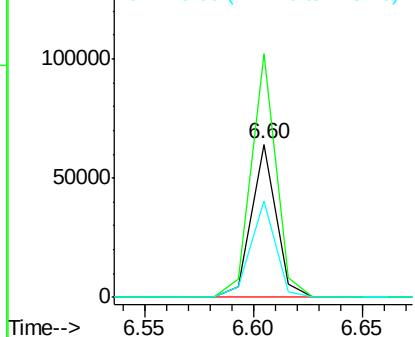
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51008
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 63.4 52.1 78.1



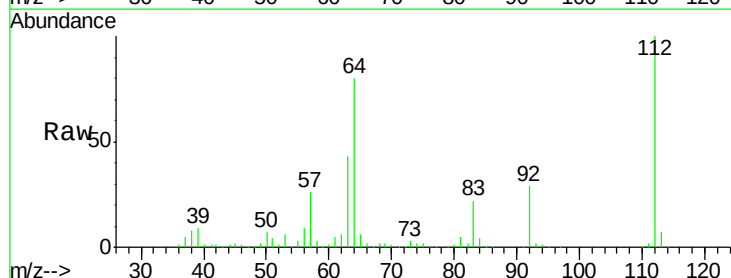
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



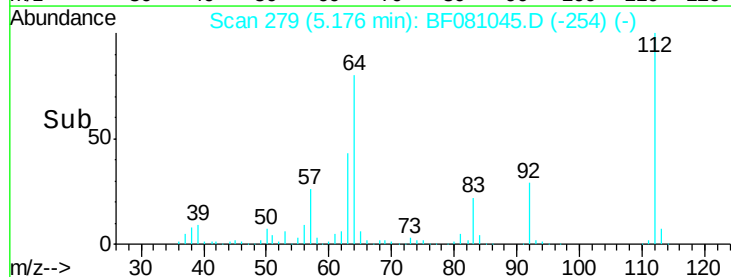
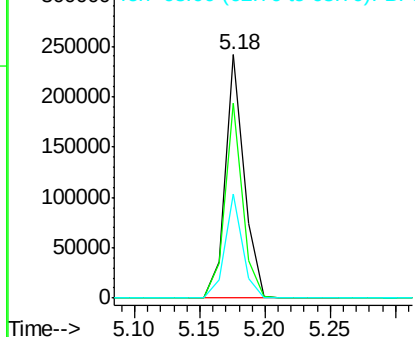
#5

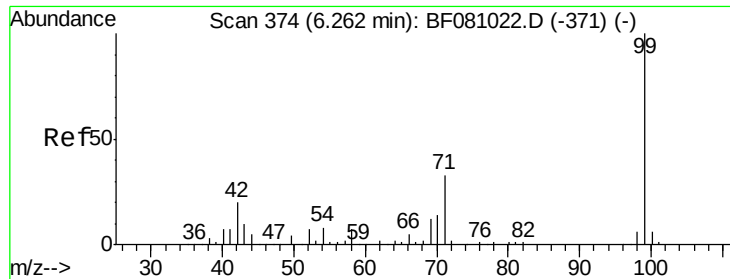
2-Fluorophenol
Concen: 71.79 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Tgt Ion:112 Resp: 243445
Ion Ratio Lower Upper
112 100
64 80.1 66.9 100.3
63 42.8 38.1 57.1



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: 86.12 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

Instrument :

BNA_F

ClientSampled :

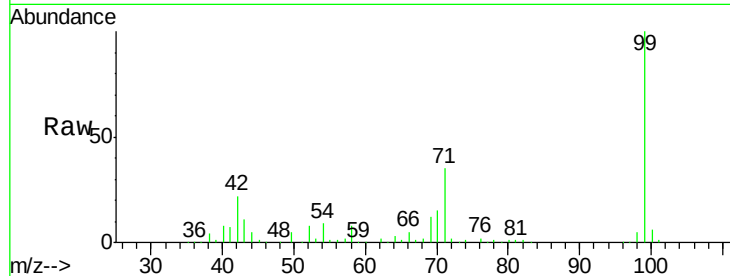
Tot Ion: 99 Resp: 381041

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

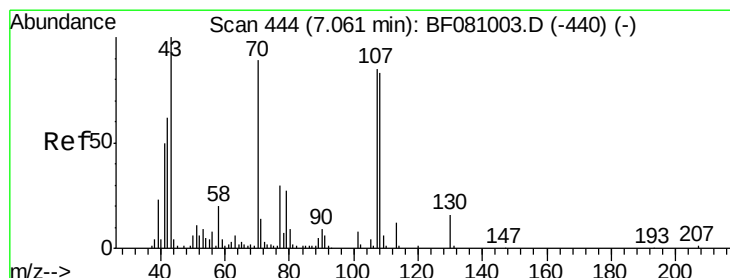
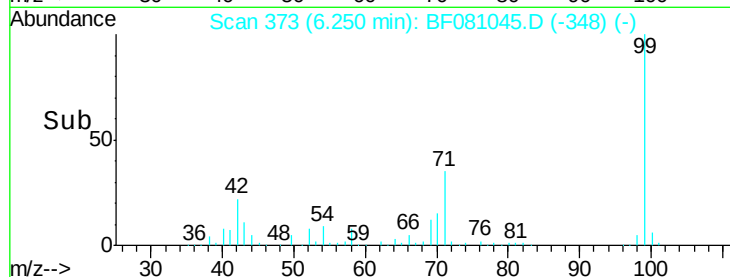
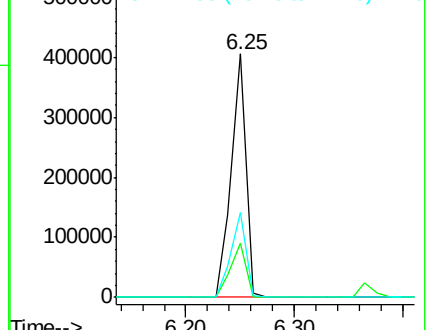
71 35.1 31.2 46.8



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: 15.66 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

Tgt Ion: 70 Resp: 48007

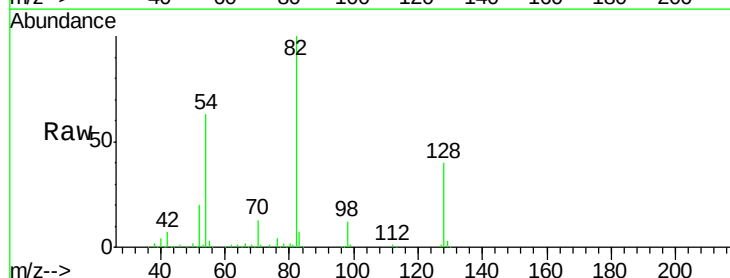
Ion Ratio Lower Upper

70 100

42 52.8 65.0 97.4#

101 0.0 7.4 11.2#

130 2.0 13.0 19.4#

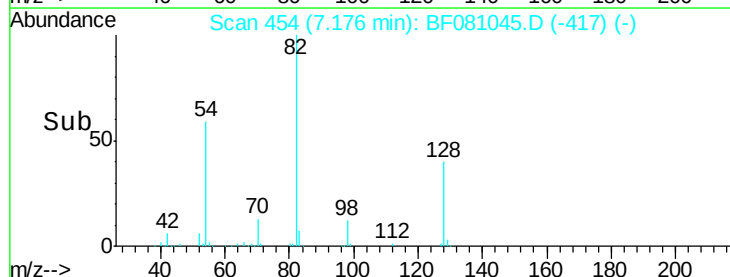
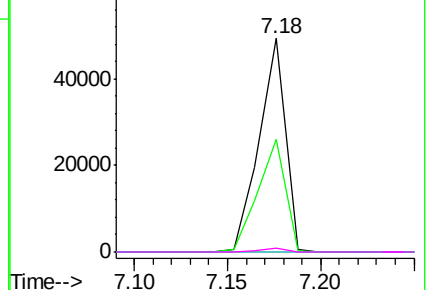


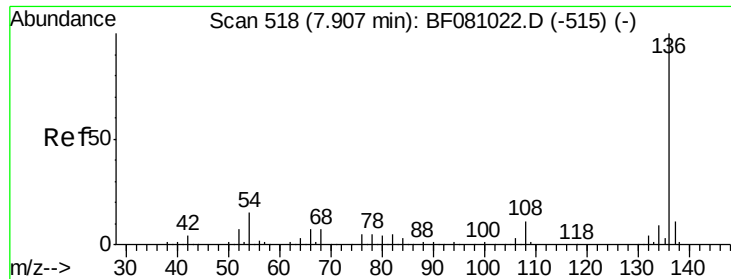
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

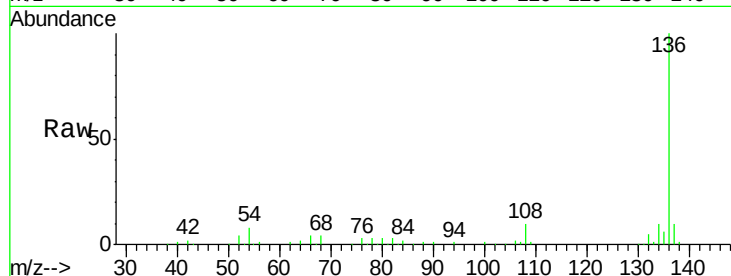




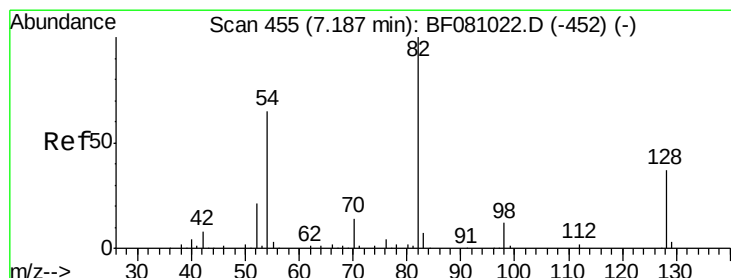
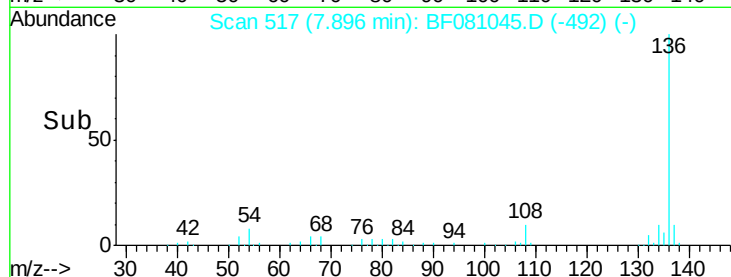
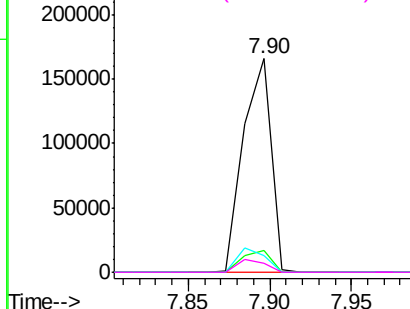
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Instrument :
BNA_F
ClientSampleID :

Tot Ion:136	Resp:	195833
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.2 12.2
54	7.6	7.7 11.5#
68	4.4	3.4 5.2

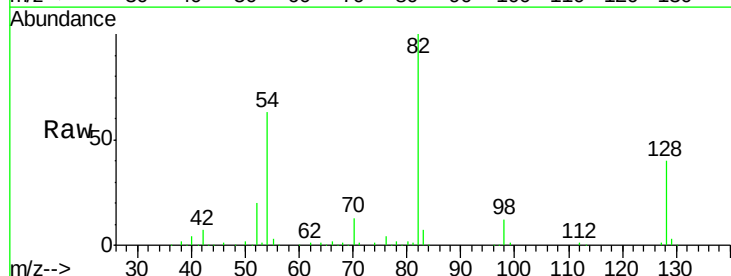


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

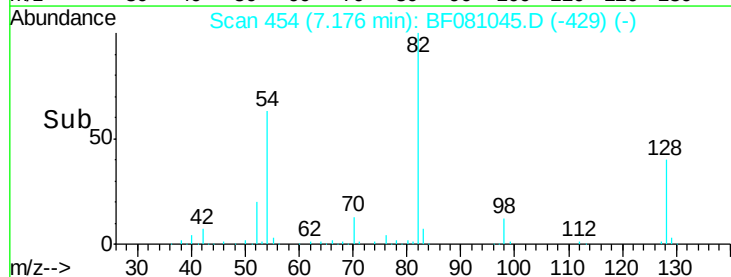
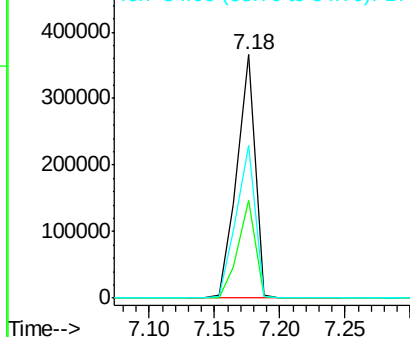


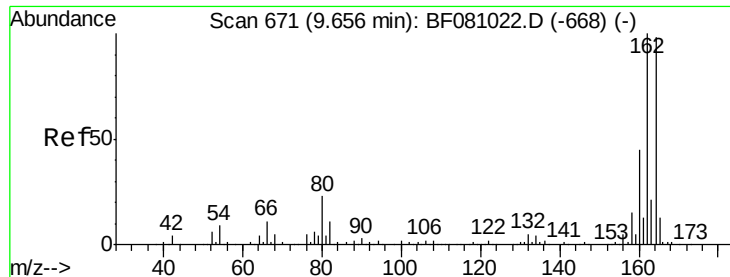
#23
Nitrobenzene-d5
Concen: 82.93 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081045.D
Acq: 18 Aug 2015 16:30

Tgt Ion: 82	Resp:	355511
Ion Ratio	Lower	Upper
82	100	
128	40.0	28.6 42.8
54	62.7	55.1 82.7



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: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

Instrument :

BNA_F

ClientSampleId :

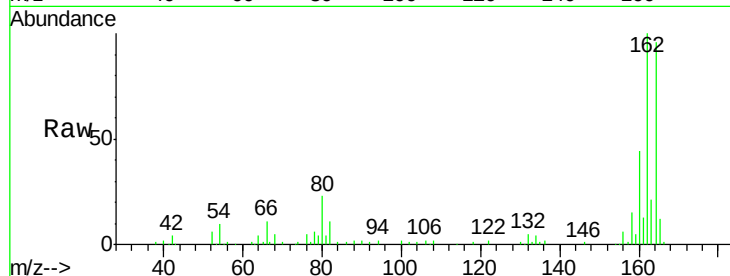
Tot Ion:164 Resp: 95153

Ion Ratio Lower Upper

164 100

162 104.7 83.8 125.8

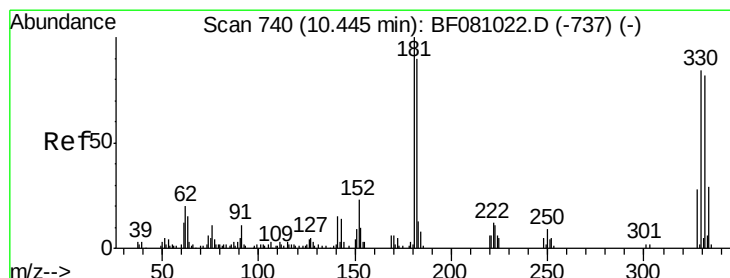
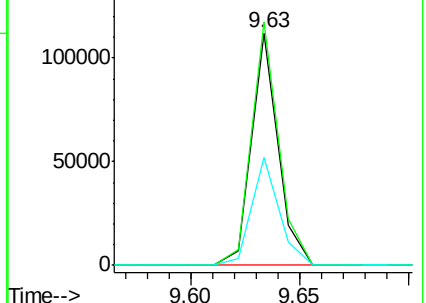
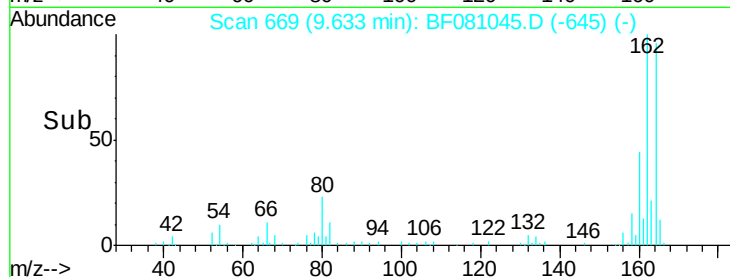
160 46.4 39.8 59.8



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: 88.66 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081045.D

Acq: 18 Aug 2015 16:30

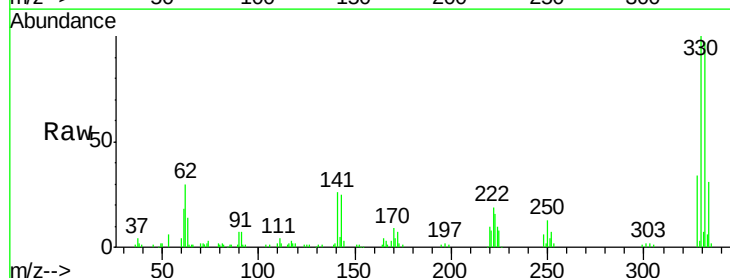
Tgt Ion:330 Resp: 73128

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

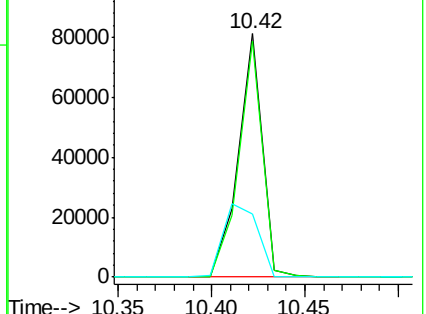
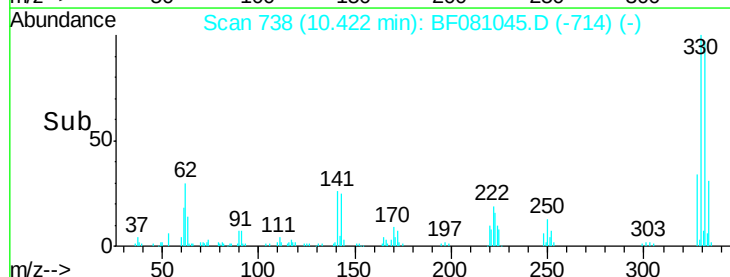
141 43.2 44.9 67.3#

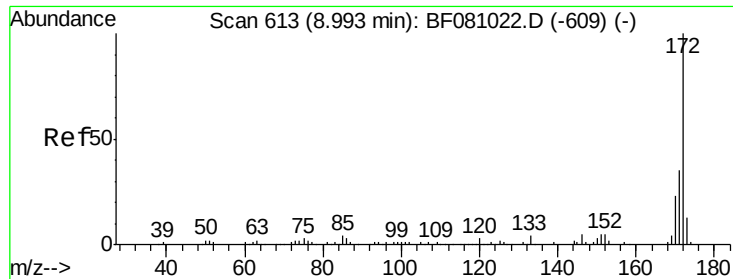


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

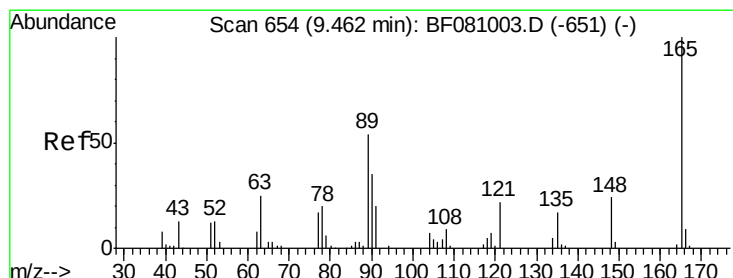
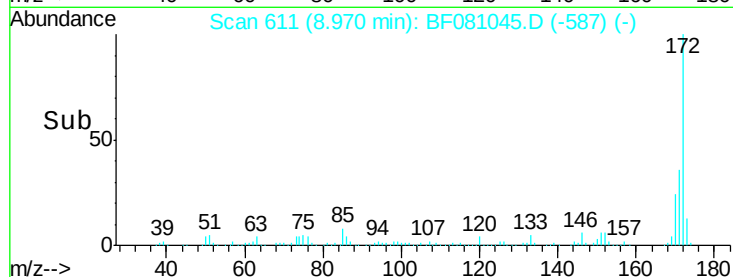
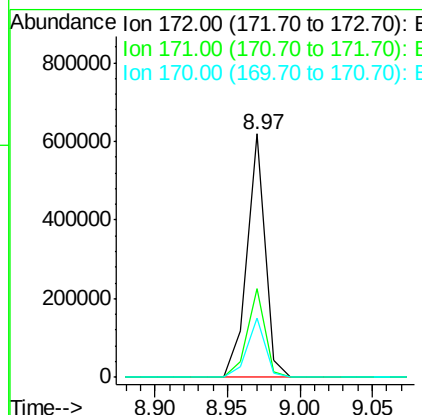
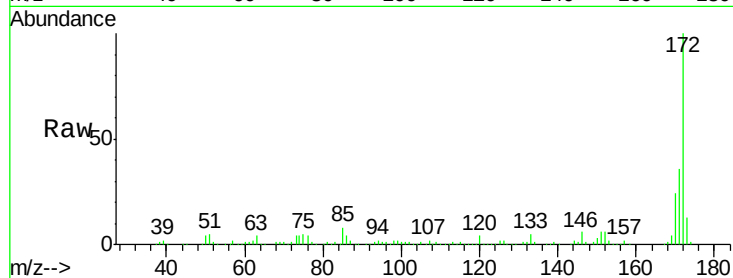




#44
 2-Fluorobiphenyl
 Concen: 73.90 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

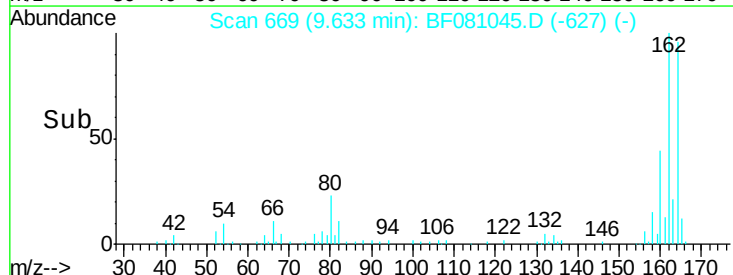
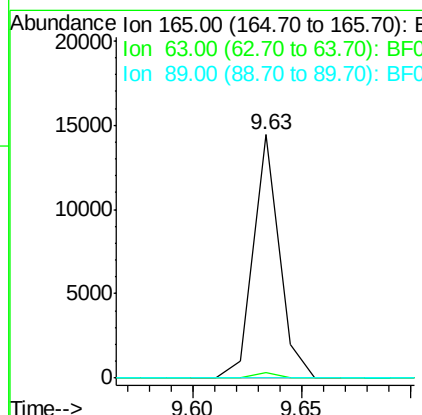
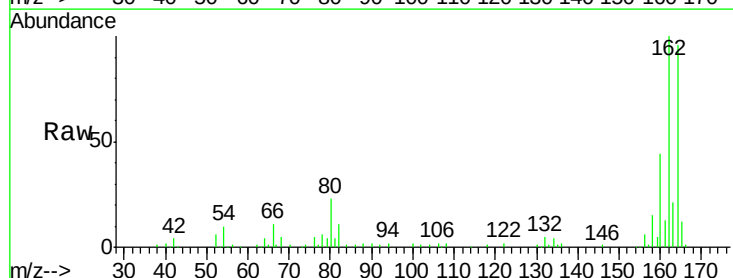
Instrument :
 BNA_F
 ClientSampled :

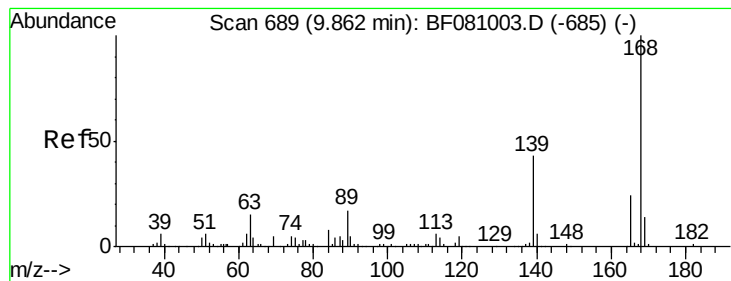
Tot Ion:172 Resp: 536670
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.3 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.63 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:165 Resp: 11974
 Ion Ratio Lower Upper
 165 100
 63 2.1 49.5 74.3#
 89 0.0 47.6 71.4#

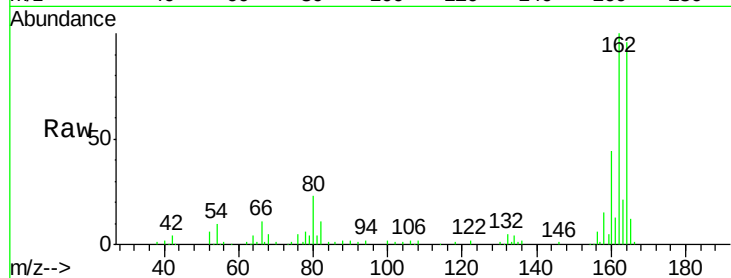




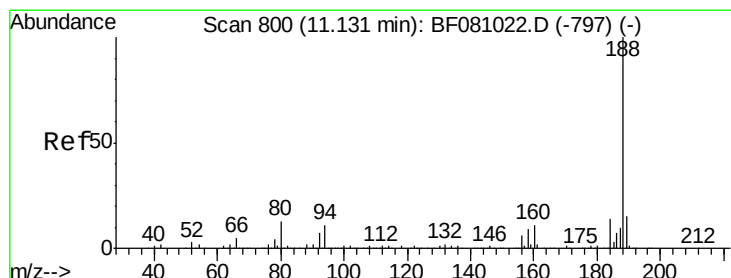
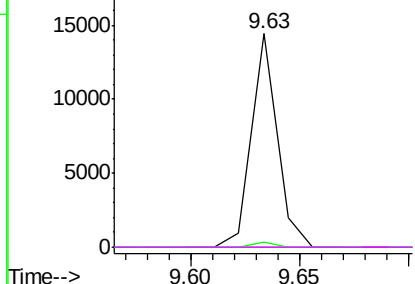
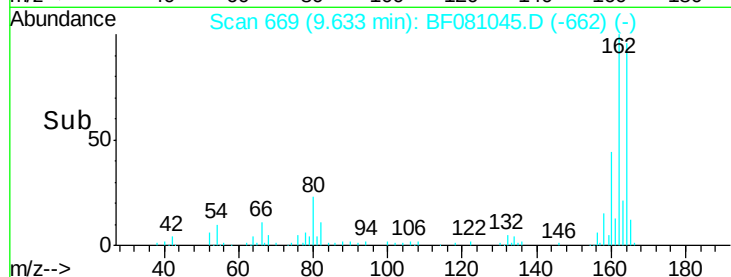
#56
 2,4-Dinitrotoluene
 Concen: 5.37 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11974
 Ion Ratio Lower Upper
 165 100
 63 2.1 52.2 78.4#
 89 0.0 60.1 90.1#
 182 0.0 1.8 2.6#

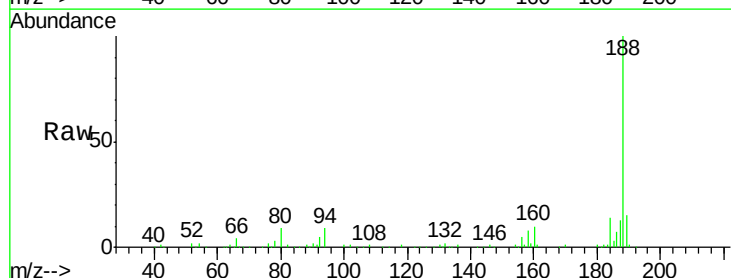


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

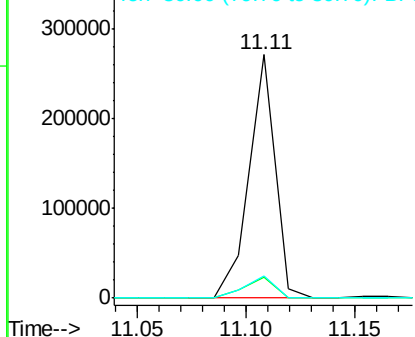
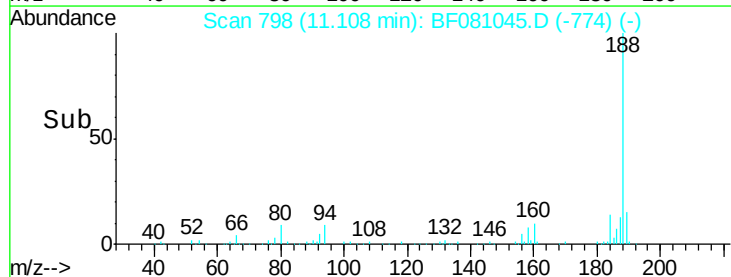


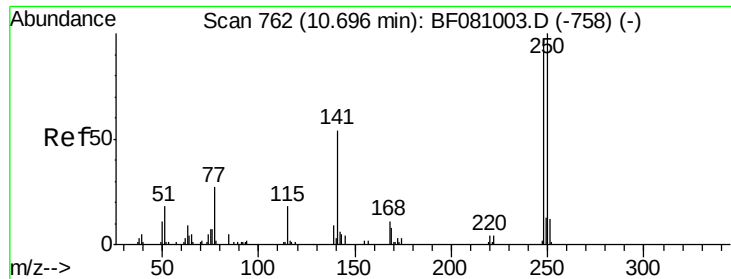
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:188 Resp: 226287
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 9.2 9.5 14.3#



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

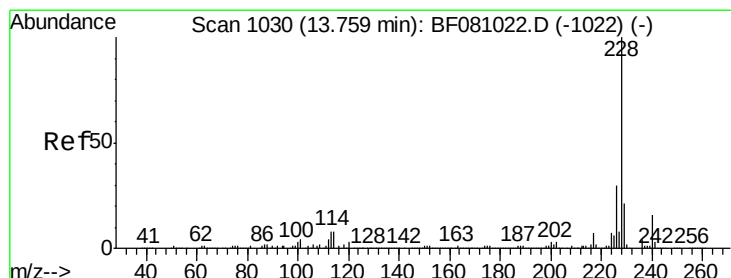
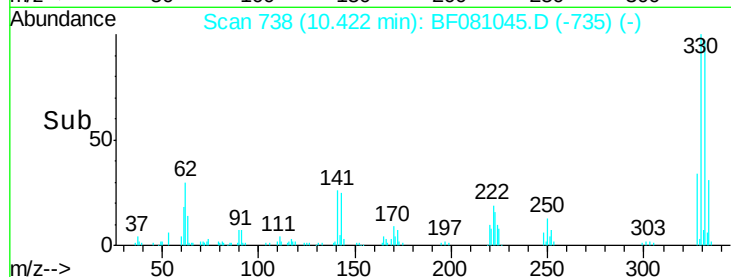
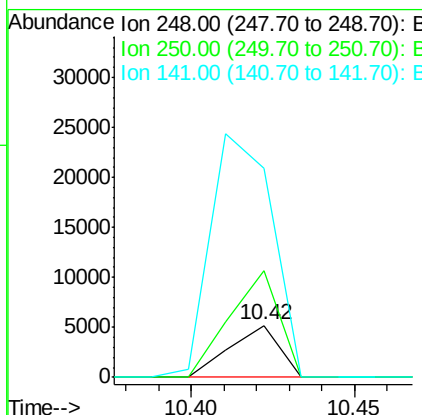
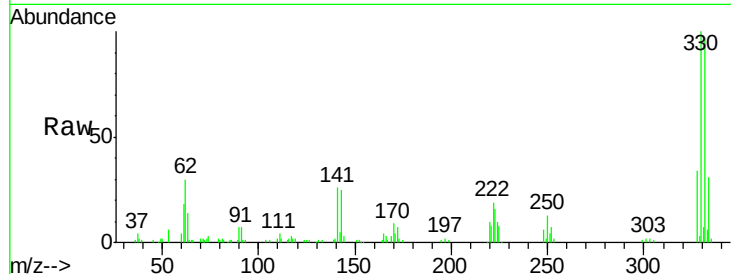




#66
 4-Bromophenyl-phenylether
 Concen: 2.42 ng
 RT: 10.42 min Scan# 738
 Delta R.T. -0.26 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

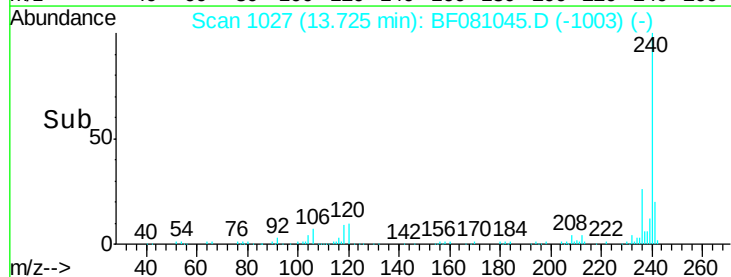
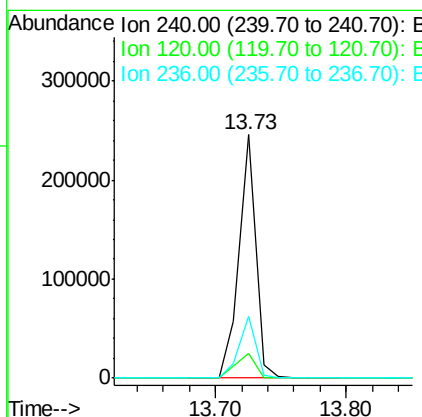
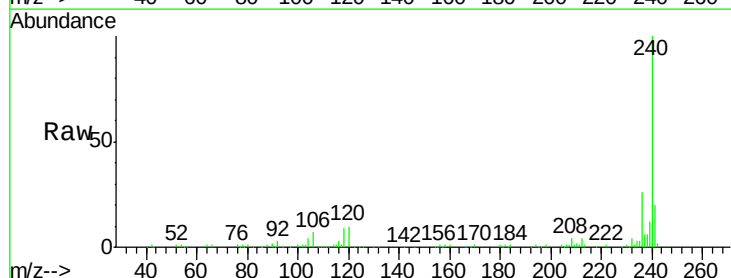
Instrument :
 BNA_F
 ClientSampleId :

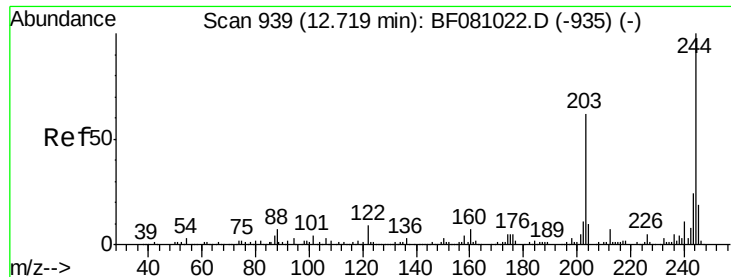
Tot Ion:248 Resp: 5382
 Ion Ratio Lower Upper
 248 100
 250 206.4 77.8 116.6#
 141 404.9 39.8 59.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:240 Resp: 218164
 Ion Ratio Lower Upper
 240 100
 120 10.4 5.6 8.4#
 236 25.6 20.6 30.8

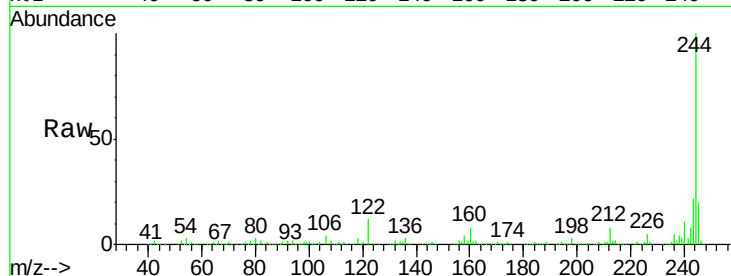




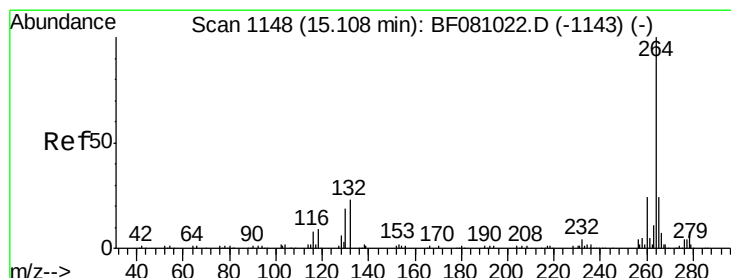
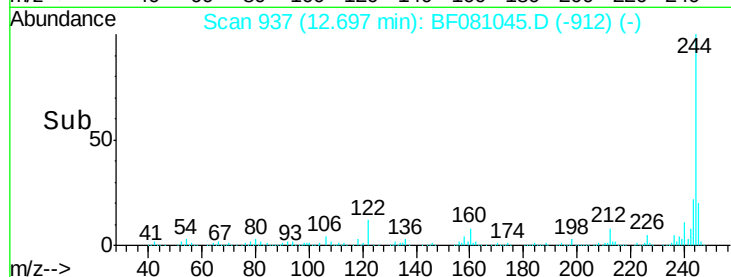
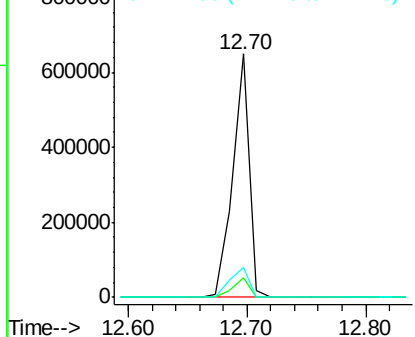
#78
 Terphenyl-d14
 Concen: 61.02 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 620986
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 12.5 8.2 12.4#

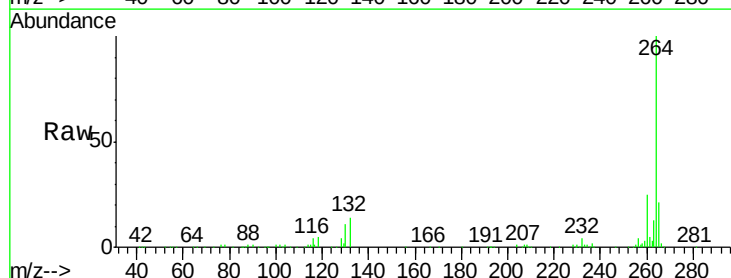


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081045.D
 Acq: 18 Aug 2015 16:30

Tgt Ion:264 Resp: 186415
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 20.5 17.5 26.3



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

