

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081094.D
 Acq On : 19 Aug 2015 21:58
 Operator : UM/IZ
 Sample : G3310-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:49:46 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

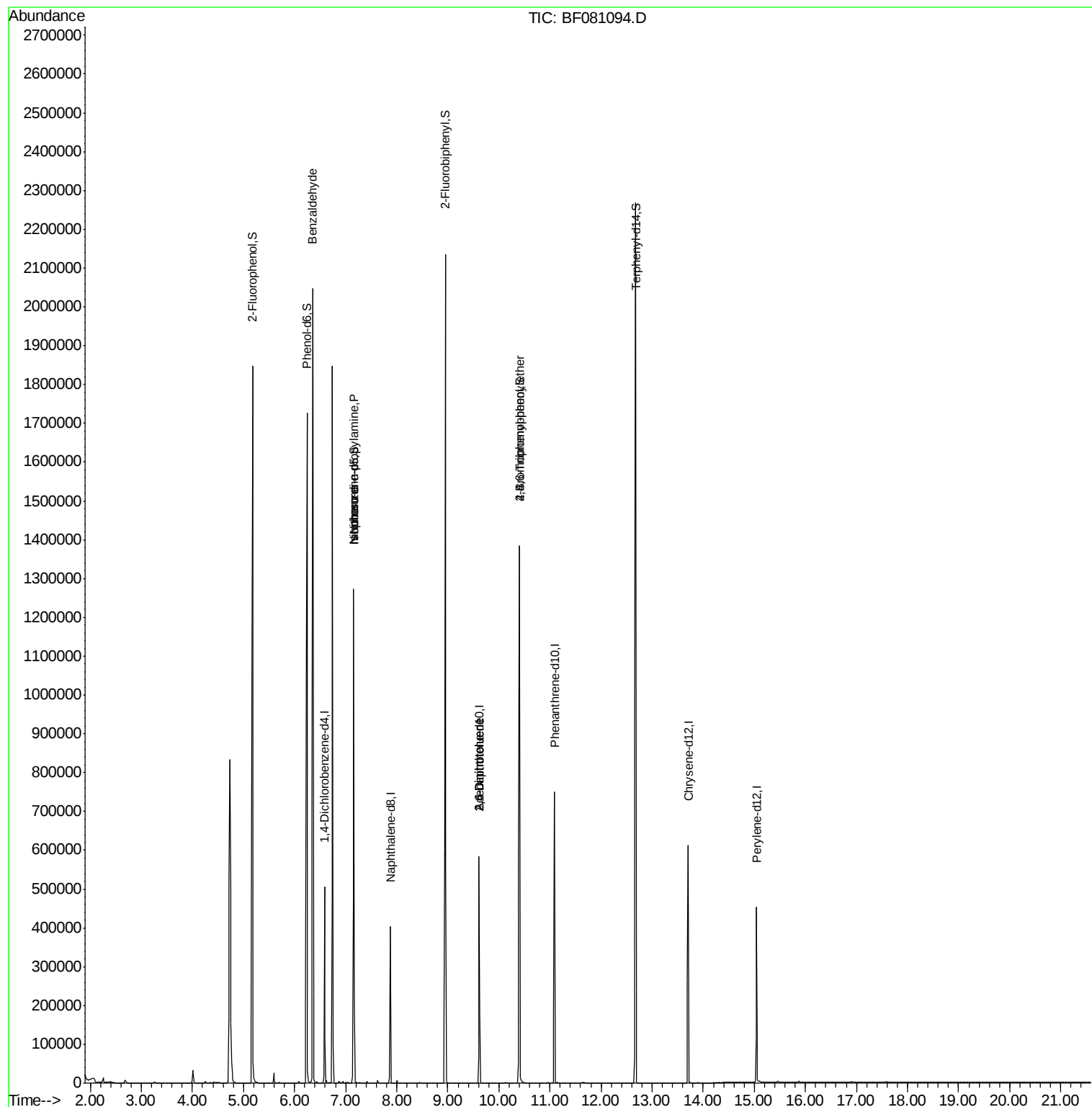
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	68808	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	259864	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	118208	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	263586	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	232945	20.00	ng	-0.04
86) Perylene-d12	15.04	264	174833	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	549727	120.17	ng	0.00
7) Phenol-d6	6.24	99	723311	121.18	ng	-0.02
23) Nitrobenzene-d5	7.16	82	450156	79.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	138881	135.54	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	755270	83.72	ng	-0.04
78) Terphenyl-d14	12.68	244	743338	68.41	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	13882	3.61	ng	80
19) n-Nitroso-di-n-propylamine	7.16	70	60478	14.63	ng	# 70
25) Isophorone	7.16	82	337792	31.84	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14947	7.15	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	14947	5.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10834	4.18	ng	# 1

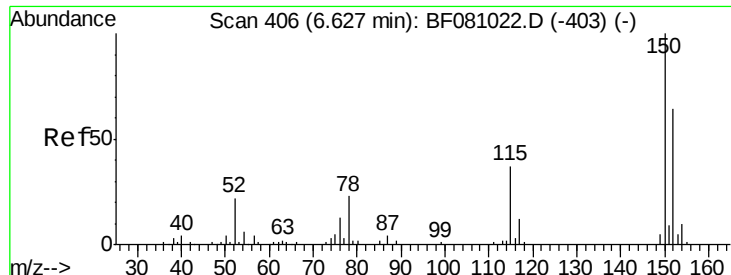
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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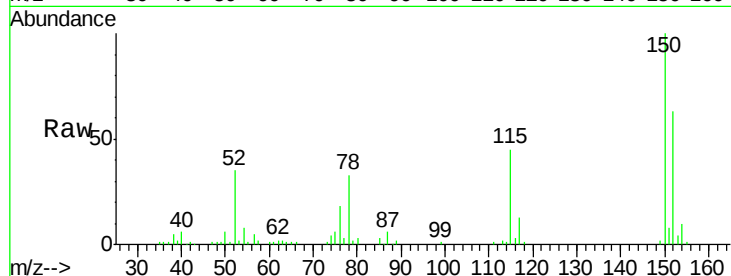


#1

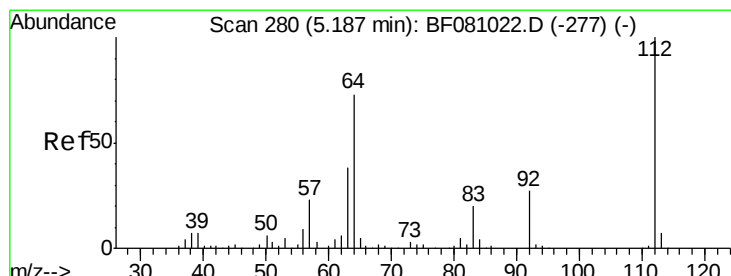
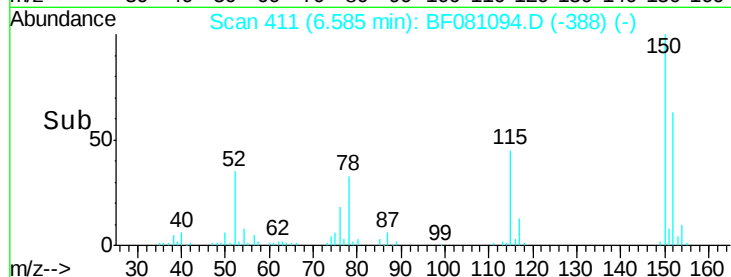
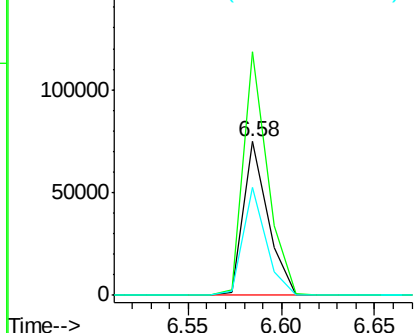
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68808
Ion Ratio Lower Upper
152 100
150 158.2 123.8 185.6
115 70.5 52.1 78.1



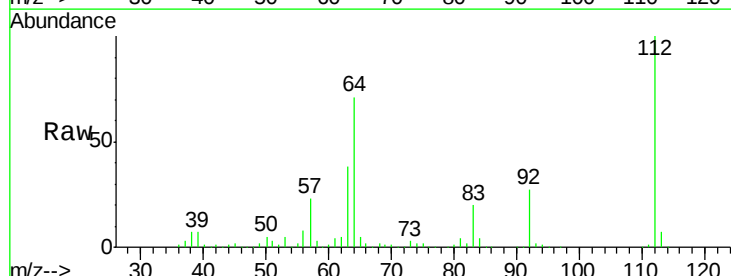
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



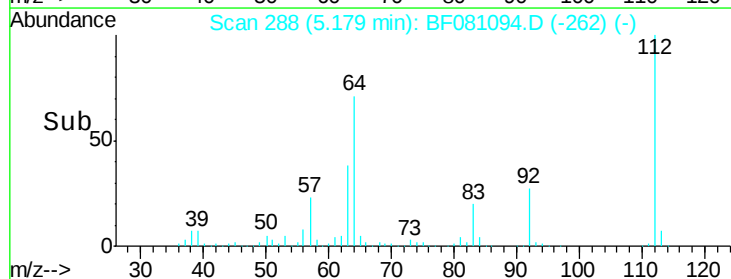
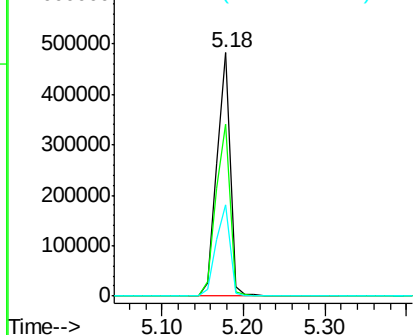
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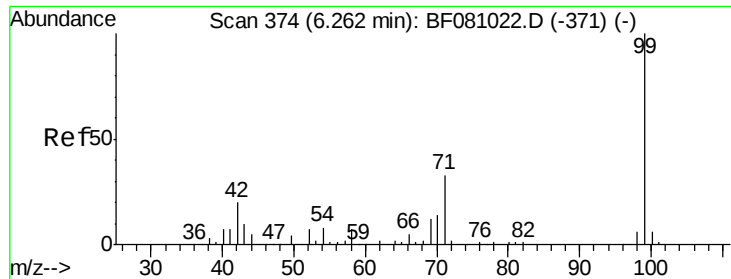
2-Fluorophenol
Concen: 120.17 ng
RT: 5.18 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion:112 Resp: 549727
Ion Ratio Lower Upper
112 100
64 70.6 66.9 100.3
63 37.7 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: 121.18 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081094.D

Acq: 19 Aug 2015 21:58

Instrument :

BNA_F

ClientSampleId :

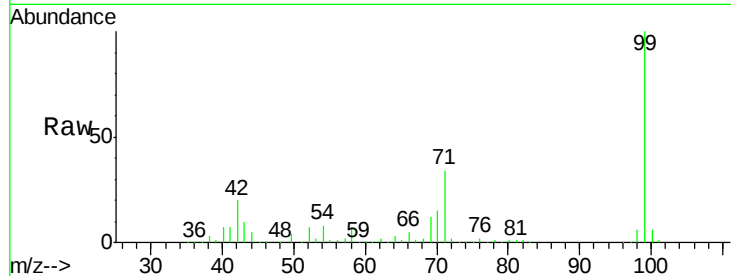
Tot Ion: 99 Resp: 723311

Ion Ratio Lower Upper

99 100

42 19.5 19.6 29.4#

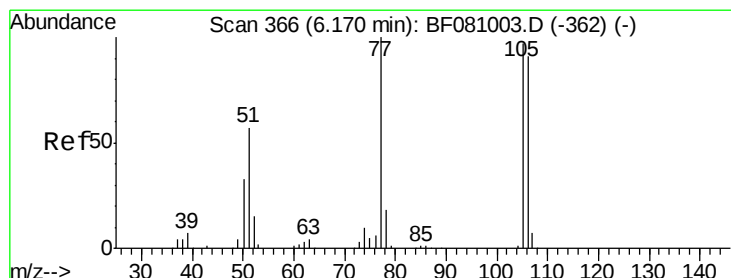
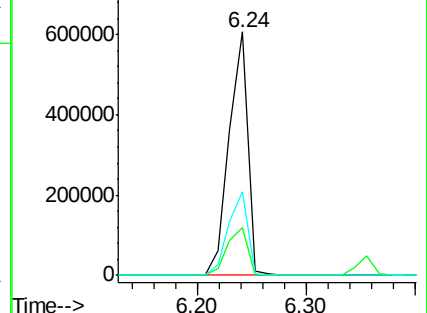
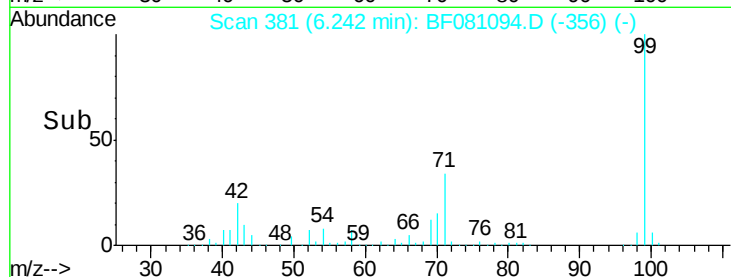
71 34.2 31.2 46.8



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



#9

Benzaldehyde

Concen: 3.61 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081094.D

Acq: 19 Aug 2015 21:58

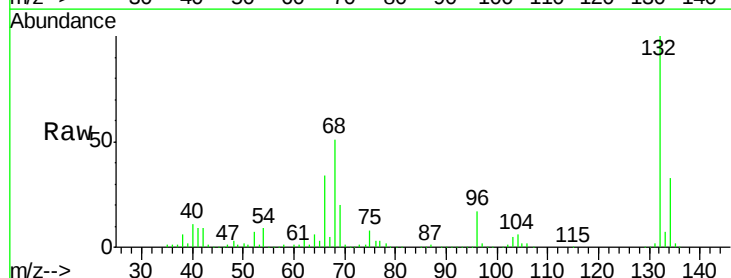
Tgt Ion: 77 Resp: 13882

Ion Ratio Lower Upper

77 100

105 72.9 69.6 109.6

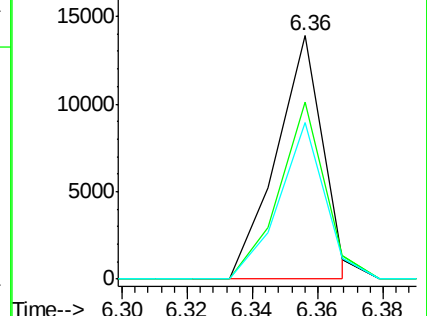
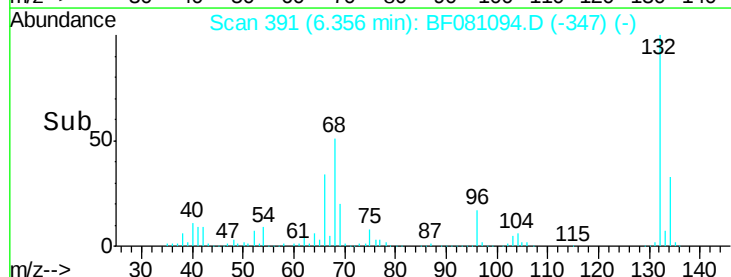
106 64.2 64.0 104.0

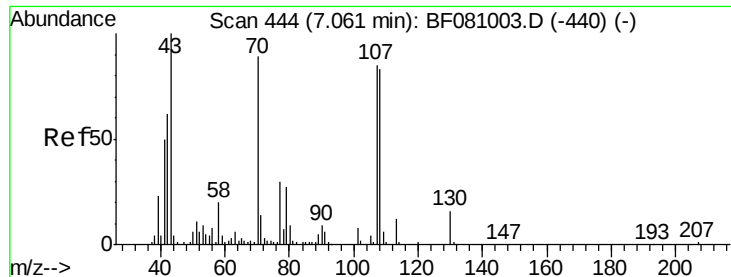


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

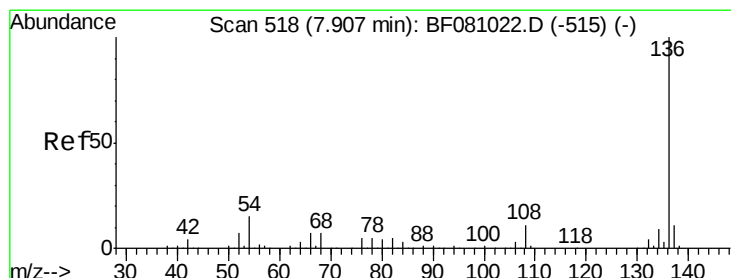
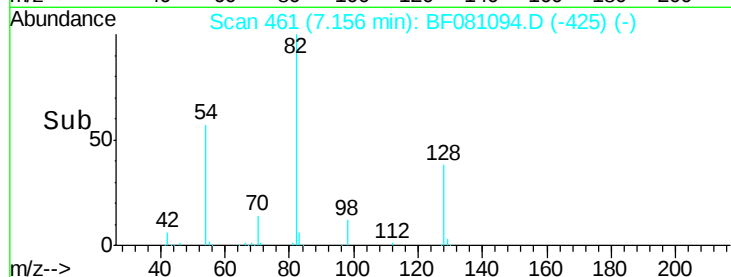
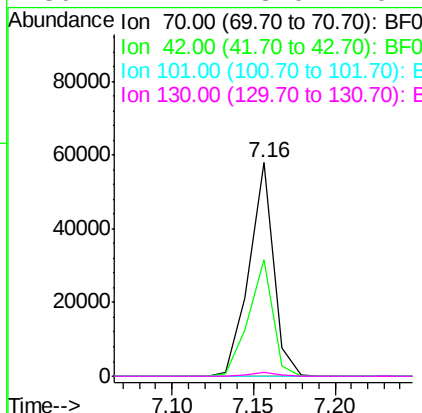
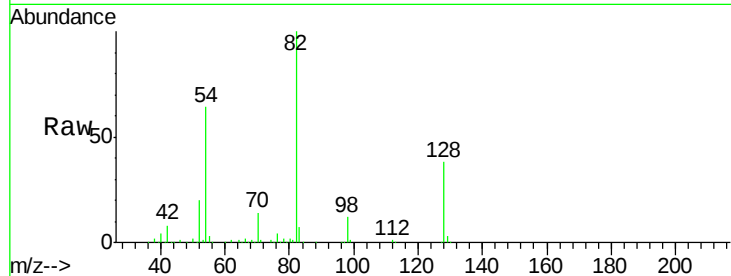




#19
n-Nitroso-di-n-propylamine
Concen: 14.63 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

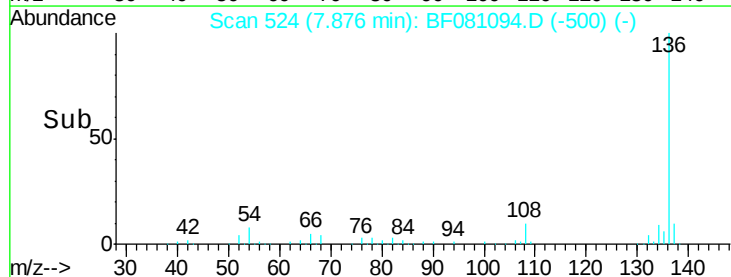
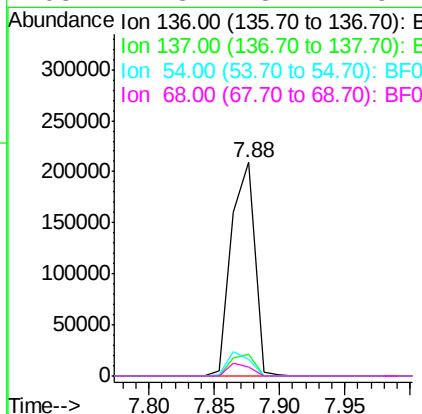
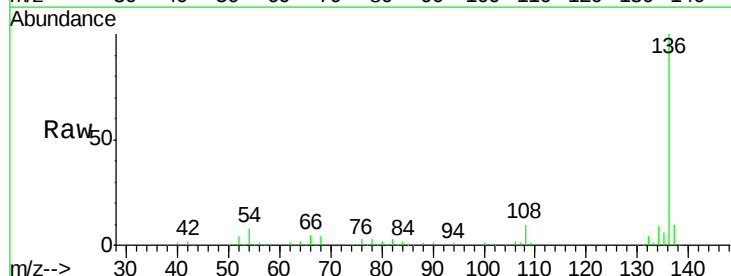
Instrument :
BNA_F
ClientSampled :

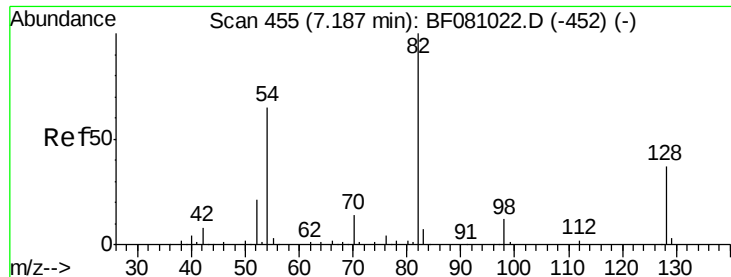
Tot Ion: 70 Resp: 60478
Ion Ratio Lower Upper
70 100
42 54.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.7 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion: 136 Resp: 259864
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 7.7 7.7 11.5
68 4.3 3.4 5.2

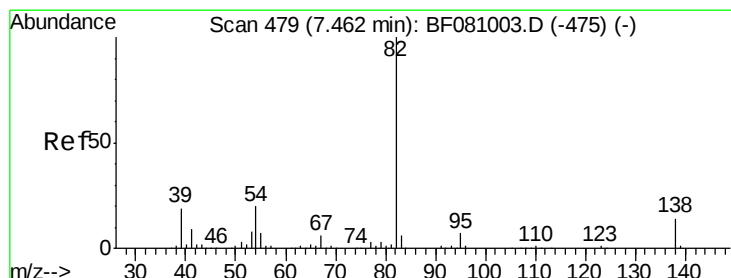
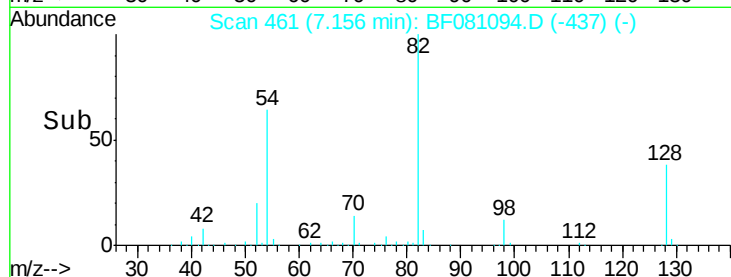
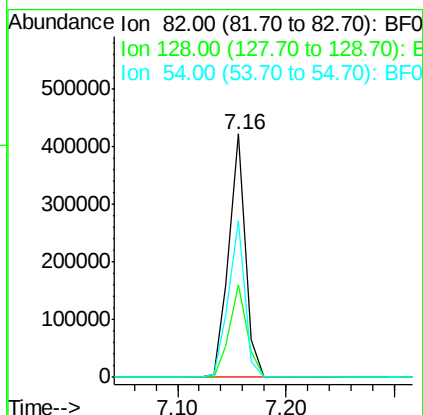
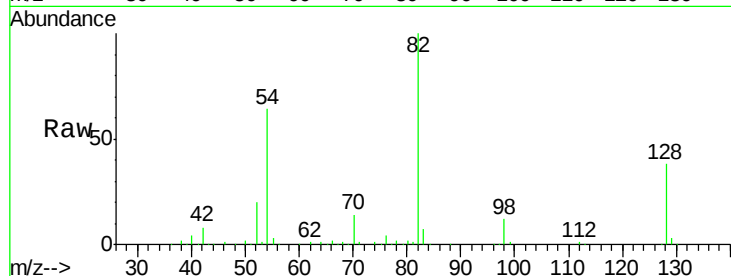




#23
 Nitrobenzene-d5
 Concen: 79.13 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081094.D
 Acq: 19 Aug 2015 21:58

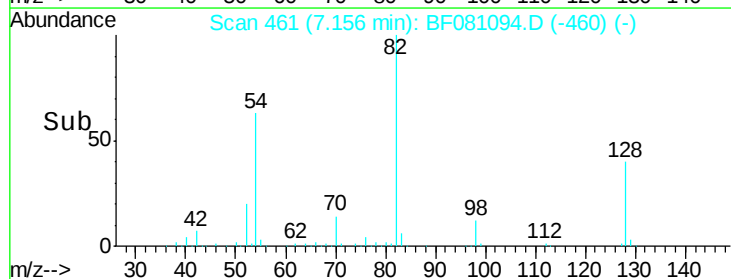
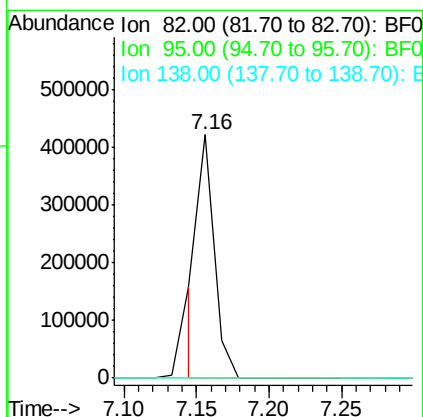
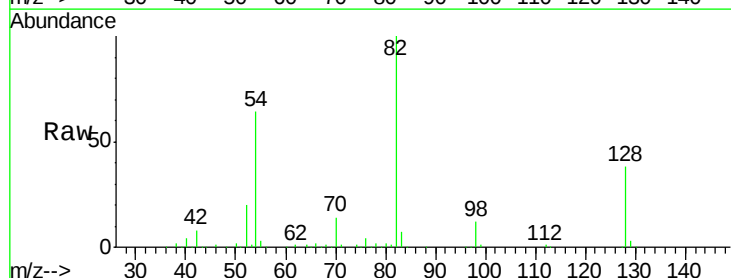
Instrument :
 BNA_F
 ClientSampleId :

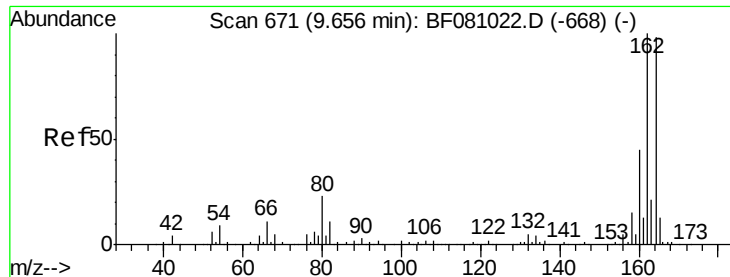
Tot Ion	82	Resp	450156
Ion Ratio	100	Lower	Upper
128	37.8	28.6	42.8
54	64.4	55.1	82.7



#25
 Isophorone
 Concen: 31.84 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.29 min
 Lab File: BF081094.D
 Acq: 19 Aug 2015 21:58

Tgt Ion	82	Resp	337792
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

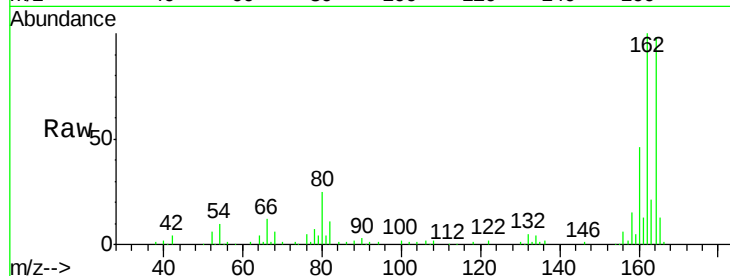




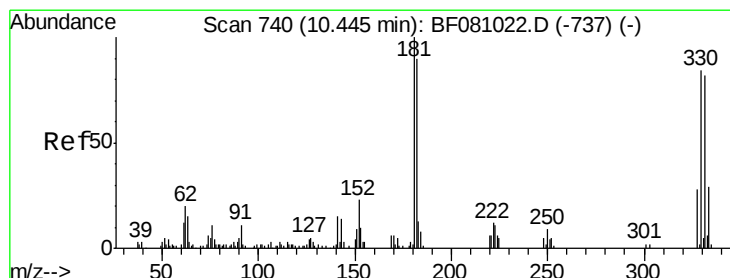
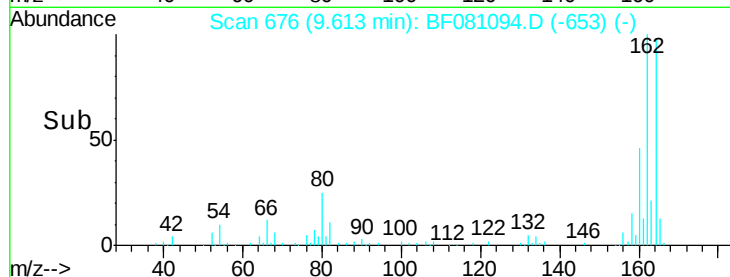
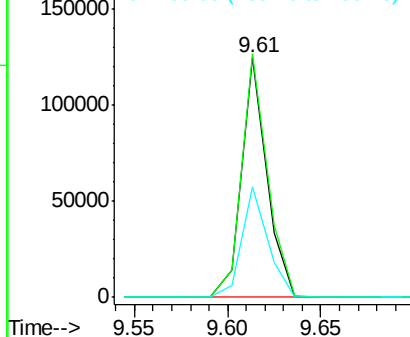
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 118208
Ion Ratio Lower Upper
164 100
162 101.7 83.8 125.8
160 46.4 39.8 59.8

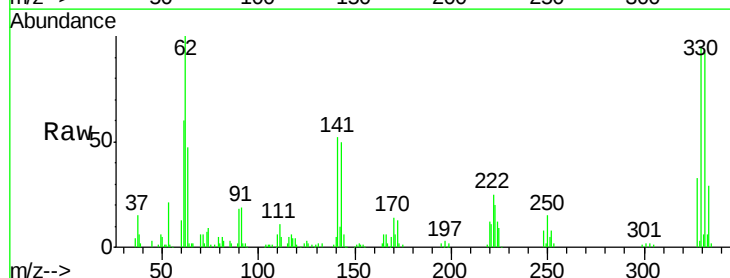


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

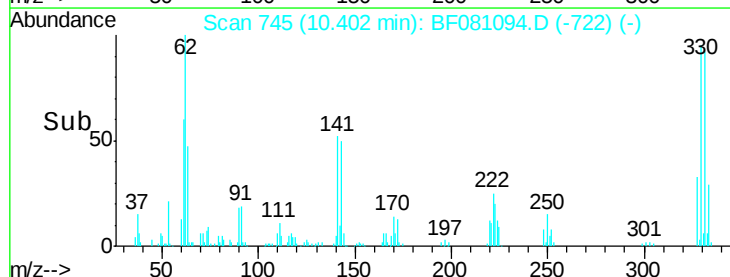
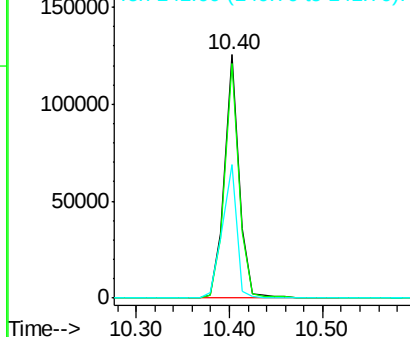


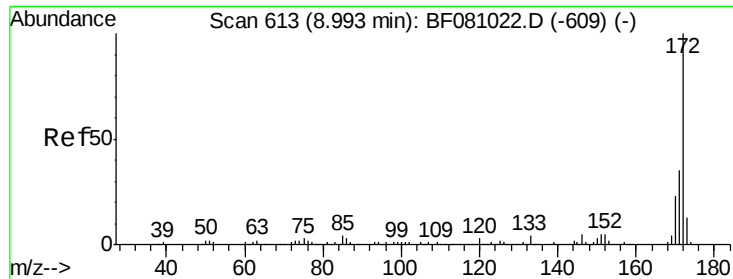
#41
2,4,6-Tribromophenol
Concen: 135.54 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion:330 Resp: 138881
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 53.5 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

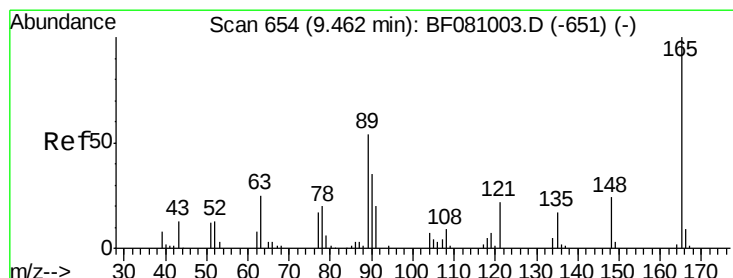
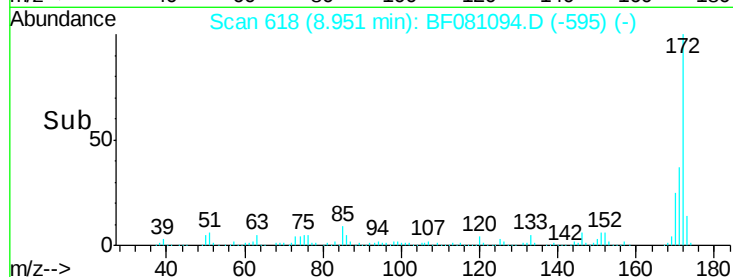
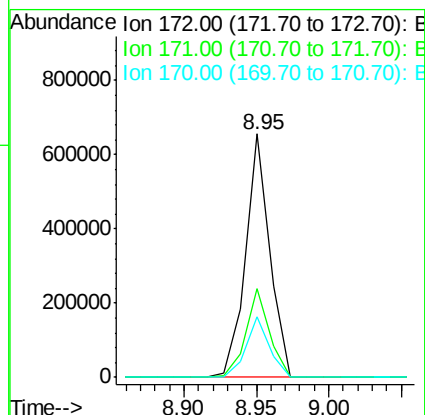
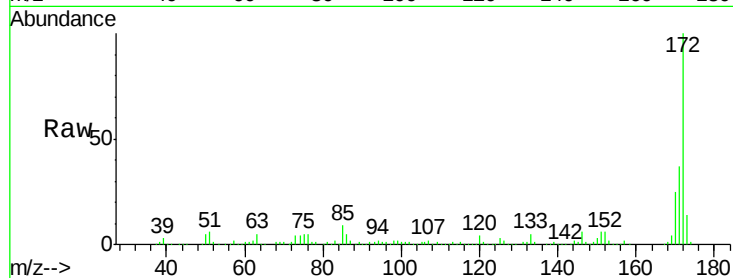




#44
2-Fluorobiphenyl
Concen: 83.72 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

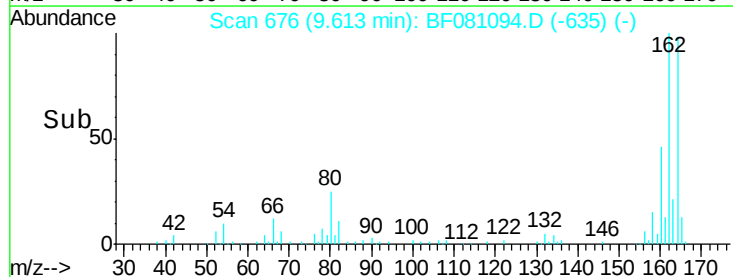
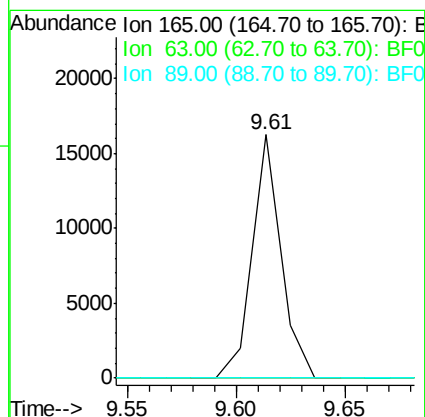
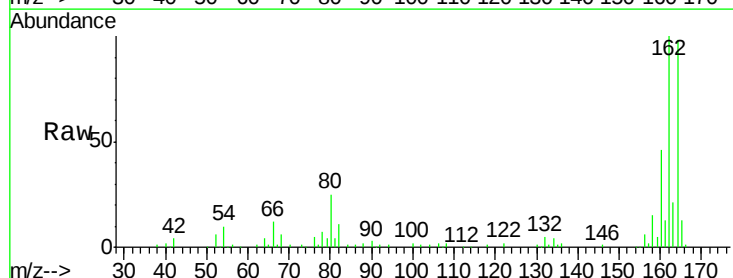
Instrument :
BNA_F
ClientSampleId :

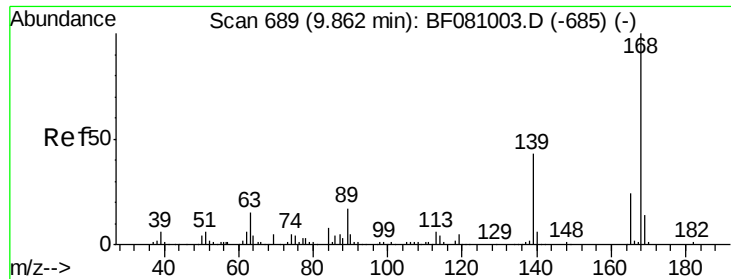
Tot Ion:172 Resp: 755270
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 25.0 19.4 29.2



#50
2,6-Dinitrotoluene
Concen: 7.15 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.16 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion:165 Resp: 14947
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 47.6 71.4#

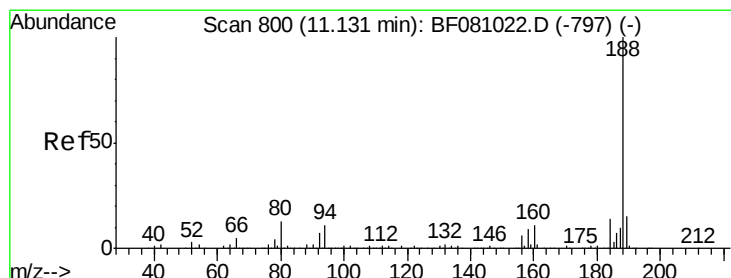
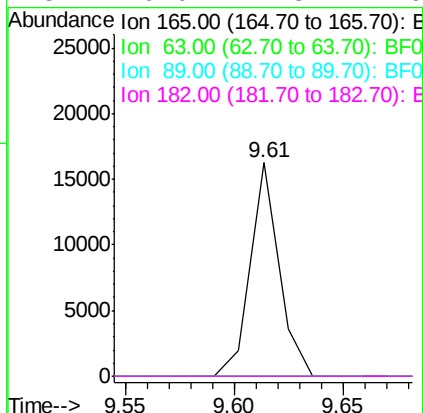
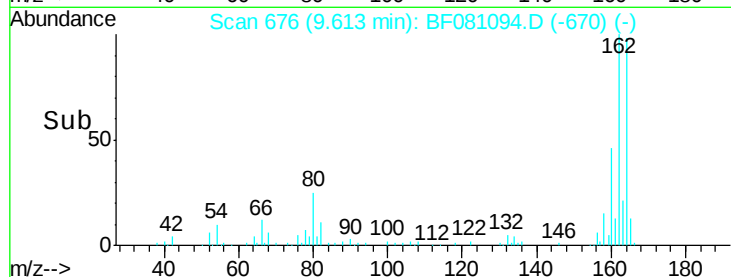
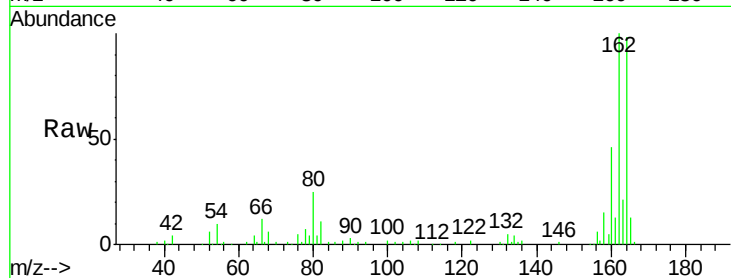




#56
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.24 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

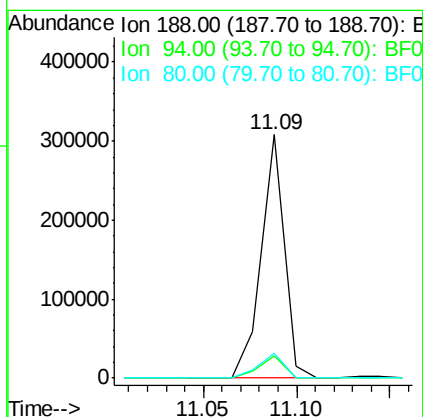
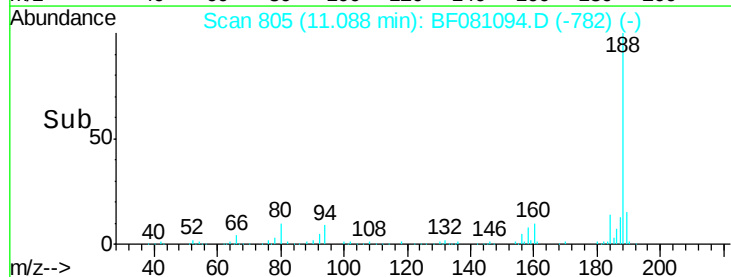
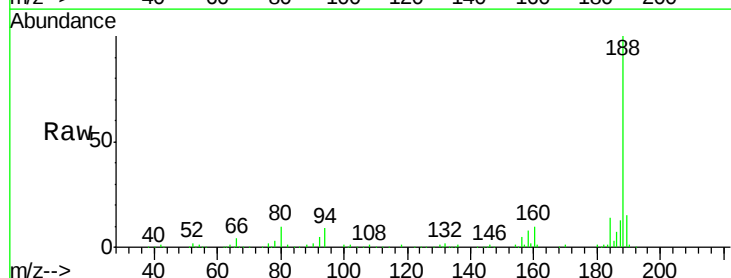
Instrument :
BNA_F
ClientSampled :

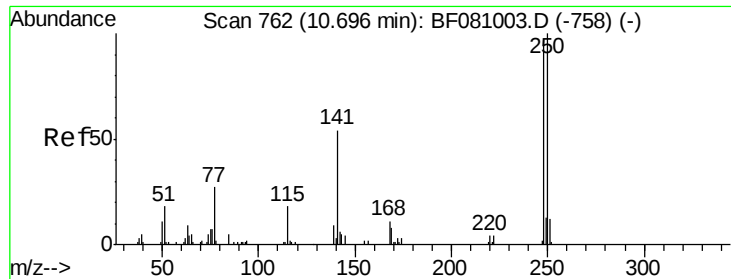
Tot Ion:165 Resp: 14947
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion:188 Resp: 263586
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.9 9.5 14.3

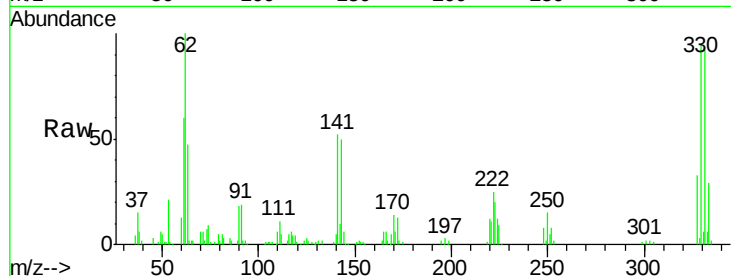




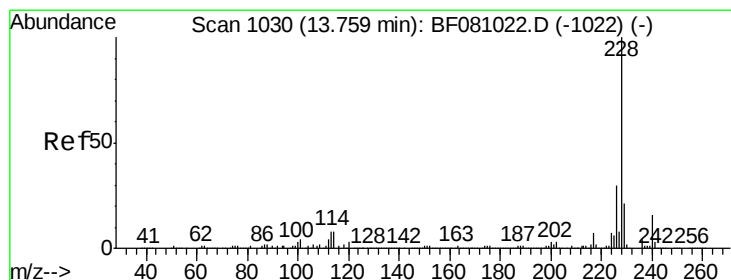
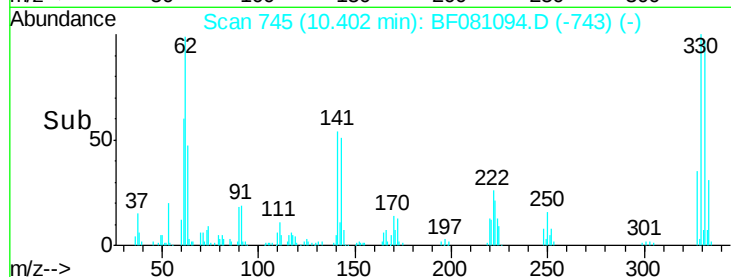
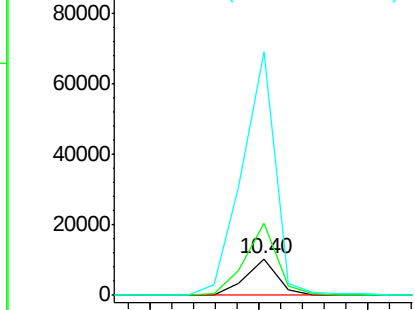
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.28 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10834
Ion Ratio Lower Upper
248 100
250 195.4 77.8 116.6#
141 661.4 39.8 59.6#

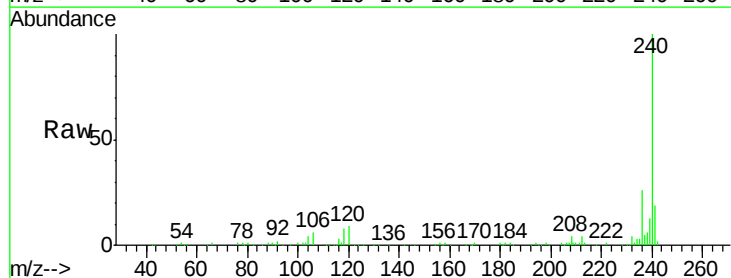


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

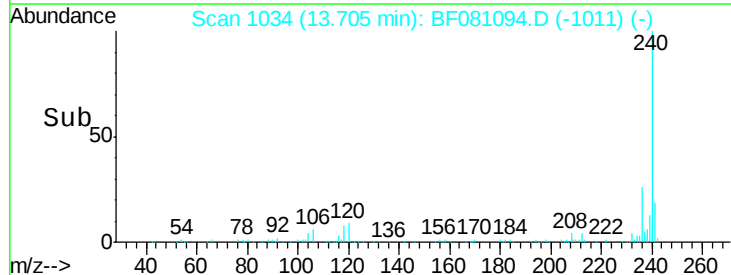
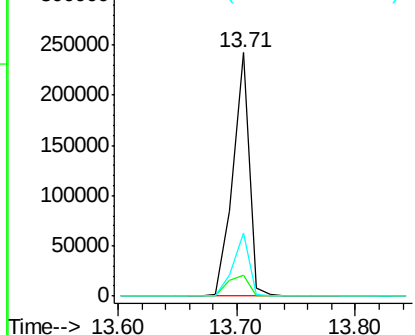


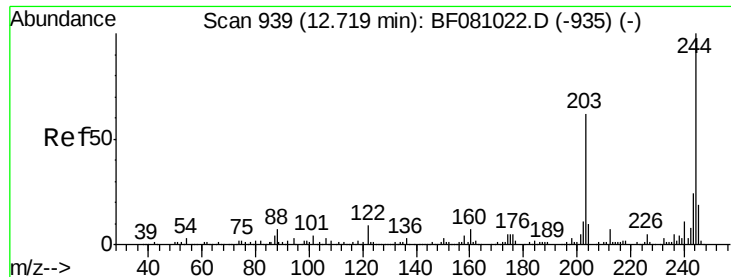
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.04 min
Lab File: BF081094.D
Acq: 19 Aug 2015 21:58

Tgt Ion:240 Resp: 232945
Ion Ratio Lower Upper
240 100
120 8.6 5.6 8.4#
236 25.7 20.6 30.8



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

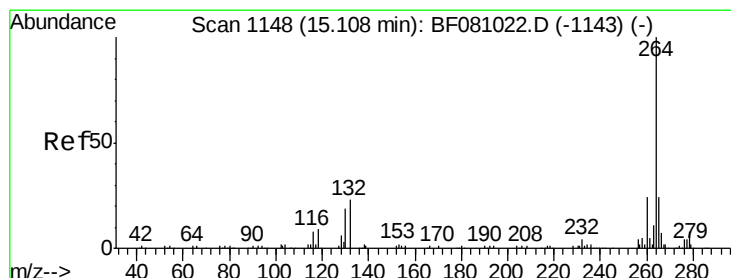
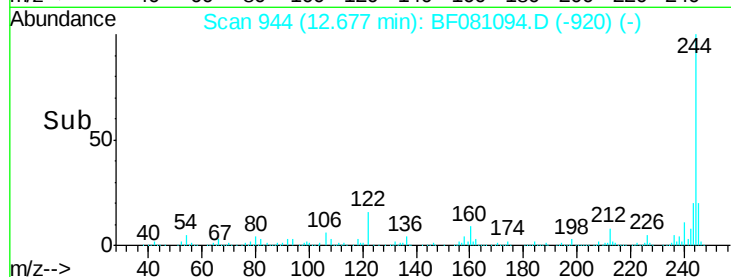
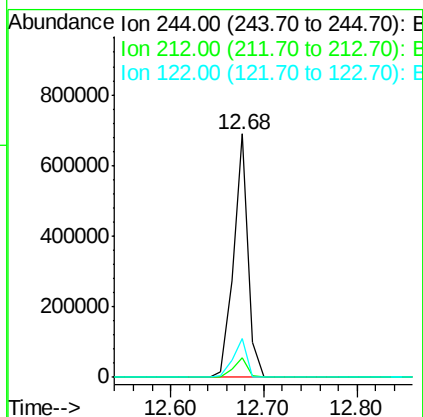
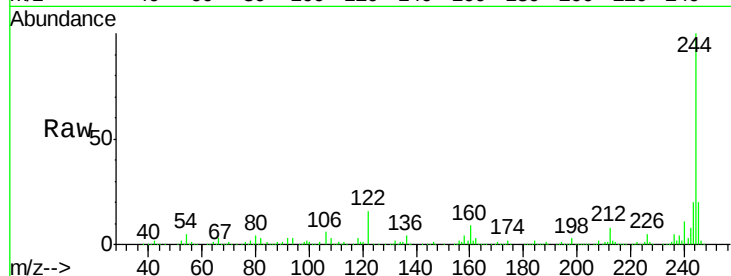




#78
 Terphenyl-d14
 Concen: 68.41 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081094.D
 Acq: 19 Aug 2015 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 743338
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 15.8 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081094.D
 Acq: 19 Aug 2015 21:58

Tgt Ion:264 Resp: 174833
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.5 17.5 26.3

